Columbia Basin Water Transactions Program (Water Entity)

National Fish and Wildlife Foundation

Progress Report
2003

DOE/BP-00012453-1

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P.O. Box 3621
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Columbia Basin Water Transactions Program

ANNUAL REPORT SUMMARY - FISCAL YEAR 2003

A project of the National Fish and Wildlife Foundation working with the Bonneville Power Administration.
The CBWTP is made possible in large part through funding by the Bonneville Power Administration
in cooperation with the Northwest Power and Conservation Council.

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Past-Present-Future

Water is allocated to producers in the Columbia Basin through a system of legal rights established in the late nineteenth-century when it seemed there was no end to land or water. Today, more water rights have been allocated than there is water to meet them.

During a typical growing season, stretches of many streams and rivers run low -- and sometimes dry -- creating challenges for fish and wildlife. With nearly half of the Basin habitat once open to salmon and steelhead now lost, much of the rest needs improvement to support fish and wildlife into the future.

ABOUT NFWF

The National Fish & Wildlife Foundation (NFWF) is a non-profit organization dedicated to the conservation of fish and wildlife. Established in 1984, NFWF is authorized to accept federal funds and to leverage them with non-federal partners. To date, NFWF has funded over 5000 projects worth more than $500 million to meet national conservation priorities.

The Pacific Northwest Regional Office (PNW), which opened in September 2000, manages over 250 projects in the Northwest worth more than $35 million. NFWF's PNW office operates the Columbia Basin Water Transactions Program (CBWTP) through a cooperative funding agreement managed by the Bonneville Power Administration (BPA).

CONTACT US

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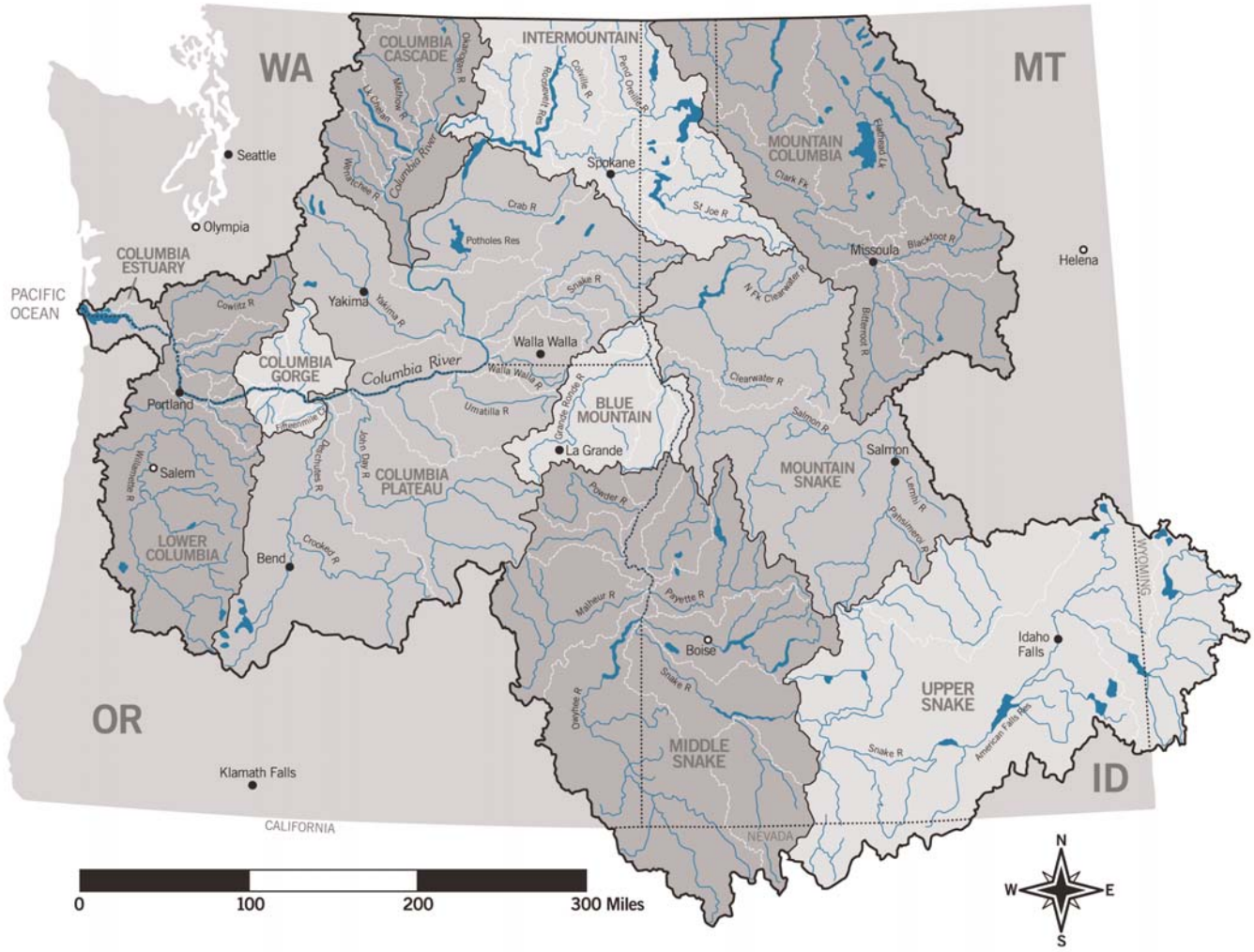
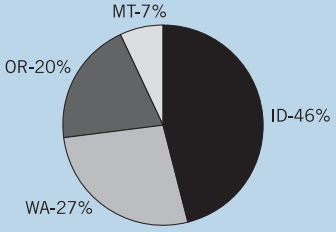
The Columbia Basin
AT A GLANCE

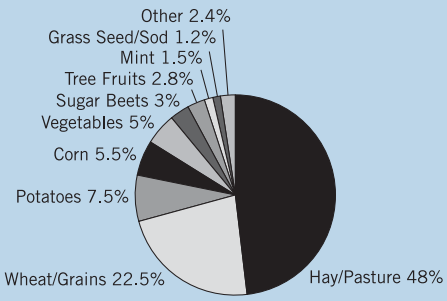


FAST FACT ESTIMATES:

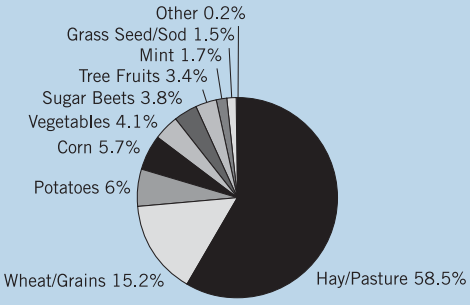
Population:	7,000,000 people
Land Area:	250,000 square miles — roughly the size of Texas
Irrigated Land:	7,000,000 acres
Water Used:	17,000,000 acre-feet/year



% of Total Water Used by State



% of Total Crop Acreage



% of Total Water Used by Crop

Regional Cooperation

I am pleased to provide information on the progress of the Columbia Basin Water Transactions Program (CBWTP), the realization of remarkable regional cooperation. Beginning in the spring of 2001, together with the Northwest Power and Conservation Council (NPCC) and the National Oceanic and Atmospheric Administration (NOAA), the Bonneville Power Administration (BPA) sought to establish a mechanism for improving tributary flows in the Columbia Basin. After a series of insightful public meetings with water agencies, tribes and water trusts operating in the region, BPA issued a Solicitation in December of 2001 seeking interest in forming an initiative to enhance streamflows in the Basin (Washington, Oregon, Idaho, and western Montana).

The primary goals for this water initiative included:

- To implement Action 151 of the NOAA Fisheries 2000 Biological Opinion on the Operation of the Federal Columbia River Power System.
- To implement Provision A.8 of the Council's 2000 Columbia River Basin Fish and Wildlife Program related to securing water for instream flows.
- To integrate components of the Northwest Power and Conservation Council's Program and Watershed Assessment process with the NOAA Fisheries 2000 Biological Opinion.
- To ensure actions taken under the program would be effective, fiscally efficient, and biologically beneficial to fish and wildlife in the region.

In the spring of 2002, BPA and a group of water experts selected ten local entities in Washington, Oregon, Idaho, and western Montana with a demonstrated potential to innovate and implement tributary flow improvements. We also selected the National Fish and Wildlife Foundation (NFWF) to serve as the regional entity for this initiative. BPA then set up the funding agreement and scope of work to establish what is now known as the Columbia Basin Water Transactions Program.

In FY 2003, BPA provided over $1.5 million in funding to the CBWTP and approved 33 water transactions. In FY 2004, BPA will provide up to $4 million to the project to enhance habitat. Thanks to the dedicated efforts of partners throughout the Basin, the CBWTP is off to a strong start in improving tributary flows in key areas across the region.

Sincerely,

Christopher Furey

Christopher H. Furey, Esq.
Policy Analyst, Bonneville Power Administration

CBWTP MISSION

To support innovative, voluntary, grassroots water transactions that increase flows to tributary streams and rivers of the Columbia Basin.

A Milestone Year

I've been fortunate to spend the last decade of my professional life working to develop water transactions as an appropriate and meaningful tool for restoring streamflows. From 1994-2002, I served as executive director of the Oregon Water Trust (OWT), the nation's first nonprofit with the sole mission of acquiring water rights for instream use. In January, 2003, I was hired to manage NFWF's responsibilities under the newly-created Columbia Basin Water Transactions Program (CBWTP) at the Pacific Northwest Regional Office of the National Fish and Wildlife Foundation (NFWF).

The establishment of the CBWTP represents a milestone for the water transaction movement. In1994, OWT was charting a course through unknown territory. We were literally inventing the mechanics of water right transactions as a flow restoration tool. Now, there is a growing community committed to implementing this approach and to improving the efficacy and utility of water transactions. This community extends across the Columbia Basin, and includes the nonprofit and public sectors. It consists of a wide range of individuals committed to working at the grassroots level to restore streamflows in a fair and balanced manner, respectful of agriculture and private property rights.

The CBWTP completed our first full year of operations in fiscal year 2003. Working together with the Bonneville Power Administration (BPA), we implemented the procedures for how funds provided to NFWF by BPA and other cost-share partners can meet initiative objectives and translate into water instream. And, the entities participating in the CBWTP made great initial strides, proposing 46 transactions of which 33 were funded and 7 were put in escrow pending final state agency approval. In total, these deals restored nearly 100 feet per second of flow to streams throughout the Columbia Basin. What kind of an impact is this? Imagine the equivalent of delivering a fifty square mile pool of water three feet deep to 436 miles of critical stream segments at a time when they most need water.

In FY 2004 we expect to implement even more transactions, with an emphasis on longer-term outcomes. We're also working closely with all of the program participants to develop regional awareness and knowledge about our work, as well as the capacity to complete and monitor efforts that enhance instream flows. Stay tuned, as the second decade of water transactions will continue to break new ground.

Sincerely,

Andrew Purkey
NFWF Manager, Columbia Basin Water Transactions Program

Program Background

Launched in 2002, the Columbia Basin Water Transactions Program is anticipated to be a five-year effort to test new strategies for enhancing tributary flows. The premise of the CBWTP is that water can most readily be made available for instream flows not by attempting to regulate senior water users but, instead, by acquiring water rights from willing sellers and transferring those rights to instream flows within the prior appropriation framework ("first in time, first in right").

The National Fish and Wildlife Foundation was selected to operate the CBWTP through a cooperative funding agreement with the Bonneville Power Administration. Supporting innovative, market-based and voluntary water transaction projects, the program aims to help improve habitat for threatened and endangered fish under two guiding frameworks:

- Action 151 of the National Marine Fisheries Service 2000 Biological Opinion on the Operation of the Federal Columbia River Power System
- Implementation Provision A.8 from the Northwest Power and Conservation Council's Fish and Wildlife Program

Through the CBWTP, NFWF also makes water policy information available to key decision and policy-makers throughout the region, but it does not lobby for legislative or regulatory changes to water policy.

COMMUNITY PARTICIPANTS:

Making the Program Work

Local landowners, producers and water managers are the ones who make this Program work on behalf of the communities and wildlife of the Columbia Basin.

"There's no one-size-fits-all policy for water."

– Gail A. Norton, Secretary of the Interior

"When it comes to water challenges in the Columbia Basin, one thing most folks can agree on is that we'd like to solve them ourselves. I think one of the best ways to make sure water gets where it needs to go, is to use the free enterprise system to give property owners some choices. That's what I like about the Columbia Basin Water Transactions Program."

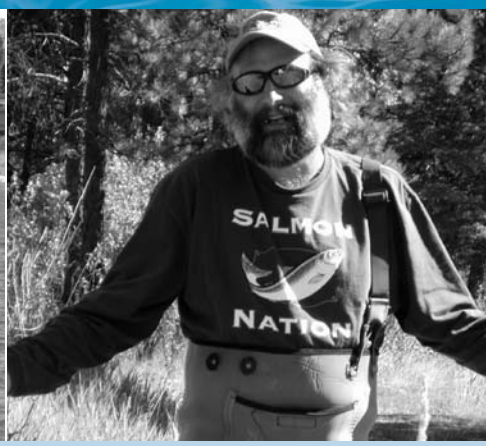
– John Wilson, Oregon Rancher, Wilson Cattle Company

CBWTP PHILOSOPHY

1. Improve fish and wildlife habitat
2. Respect private property rights and the values of irrigated agriculture
3. Work locally using market-based strategies
4. Take a balanced approach

Three Streams of Innovation

1. Capacity Building Programs
2. Demonstration Projects
3. Stewardship



QUALIFIED LOCAL ENTITIES (QLEs):
CBWTP PARTNERS

So far, ten project partners in the Columbia Basin have been qualified by the CBWTP, demonstrating their potential to develop and implement innovative, ecologically significant transactions in the context of complex legal, economic and social issues. The following "Qualified Local Entities" (QLEs) may seek support and funding (for water transactions) through the CBWTP:

Bonneville Environmental Foundation
133 SW 2nd Ave., Suite 410
Portland, OR 97204
T: 503.248.1905
Web: www.b-e-f.org

Deschutes Resources Conservancy
700 NW Hill Street
Bend, OR 97701
T: 541.382.4077
Web: www.deschutesrc.org

Idaho Department of Water Resources
1301 N Orchard
Boise, ID 83706
T: 208.327.7966
Web: www.idwr.state.id.us

Trout Unlimited-Montana Water Project
321 East Main Street, Suite 411
Bozeman, MT 59715
T: 406.522.7291
Web: www.montanatu.org

Montana Water Trust
218 South 6th Street East
Missoula, MT 59801
T: 406.721.0476
Web: www.montanawatertrust.org

Oregon Water Resources Department
725 Summer Street, NE, Suite A
Salem, OR 97301
T: 503.986.0878
Web: www.wrd.state.or.us

Oregon Water Trust
522 SW 5th Ave., Suite 825
Portland, OR 97204
T: 503.226.9055
Web: www.owt.org

Walla Walla Watershed Alliance
8 South 2nd
Baker Boyer Bank, Room 603
Walla Walla, WA 99362
T: 509.529.2646

Washington Department of Ecology
300 Desmond Drive
Lacey, WA 98503
T: 360.407.6222
Web: www.ecy.wa.gov

Washington Water Trust
810 Third Avenue, Suite 180
Seattle, WA 98104
T: 206.675.1585
Web: www.thewatertrust.org

STREAM ONE CONTINUED:

In FY 2002, the National Fish and Wildlife Foundation and the Bonneville Power Administration worked closely together to build the Columbia Basin Water Transactions Program, including the capacity for:

- Soliciting, receiving and evaluating transaction proposals from project partners.
- Making funding recommendations that are scientifically appropriate, consistent with federal, state and local policies and economically justifiable.
- Facilitating and monitoring projects on the ground.

Enhancing Partner Capacity

In FY 2003, three quarterly meetings were held with the QLEs:

- The March meeting in Portland featured presentations from the state water agencies of Oregon, Washington, Idaho and Montana about their instream laws and policies and implications for transactions under the CBWTP.
- The June gathering in Portland focused on development of FY 2004 budgets and work plans.
- The September session in Missoula, Montana, considered the issues of flow and biological monitoring of streams.

Developing Experimental Design

At the end of its five-year pilot project, the CBWTP will report on whether the water transaction strategies it supported increased streamflows. To evaluate its efforts, to learn from them and to inform future actions in the Basin and beyond, the CBWTP and the QLEs have endorsed adaptive management as their framework for experimental design.

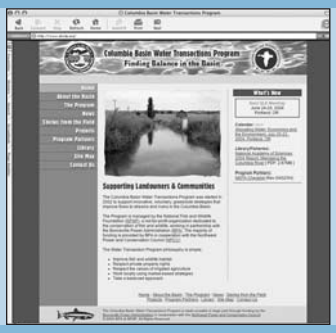
Adaptive management provides for monitoring and evaluating results in an on-going fashion -- and adjusting actions accordingly. Because transaction strategies are subject to a wide range of factors, including ecological, social, economic and institutional ones, flexibility is key to increasing the likelihood of success.

Communications Initiatives

To enhance the public's awareness and understanding of water transactions throughout the region, the Columbia Basin Water Transaction Program has created a series of communications tools and outreach efforts.

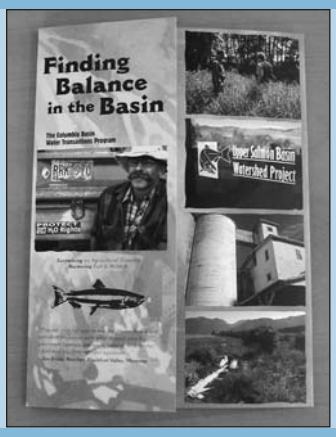
CBWTP Logo

The new logo visually represents CBWTP's approach: helping communities balance the water needs of agriculture, fish and wildlife.



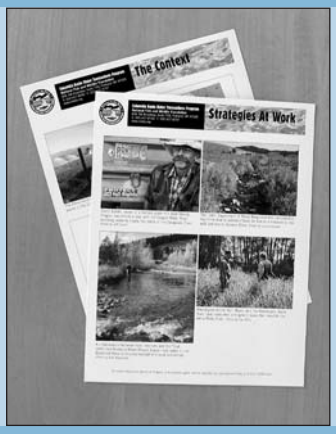
www.cbwtp.org

The CBWTP website is designed for general audiences who may be new to the concept of water transactions, as well as for producers and water managers who wish to explore the details, including an interactive Basin-wide map of transactions.



Outreach Brochure

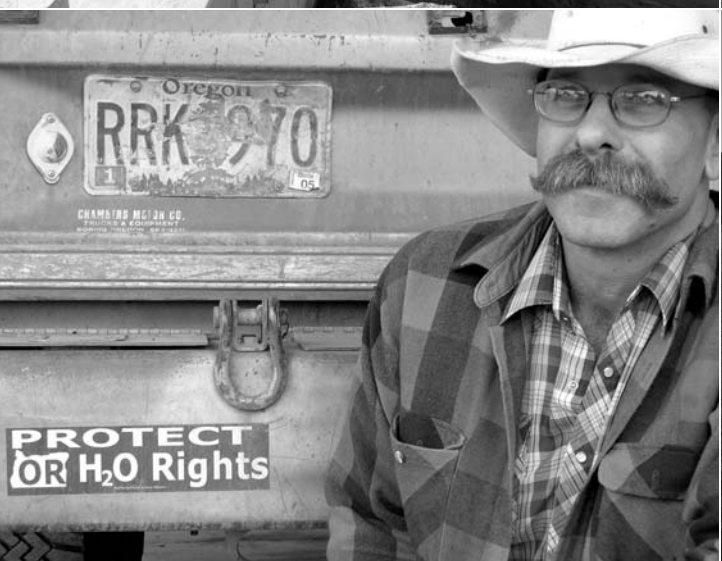
"Finding Balance in the Basin" is being distributed by the CBWTP and its partner QLEs to producers, irrigators, agencies, journalists, organizations and communities in the region. The brochure describes the importance of the program, some examples and testimonials of outcomes on the ground, an overview of strategies available and ways to participate with community partners.



Documenting the CBWTP Story

The CBWTP is building an archive of photographic, video, audio, and narrative materials, as well as scientific data, to document collaborative, outcome-based efforts on the ground. Lessons learned under the wide range of institutional, economic, cultural and ecological conditions in the Basin will eventually be shared with communities facing similar challenges across the country.

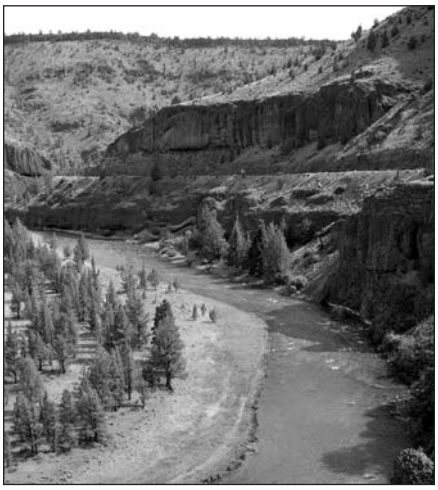
Teanaway Valley Family Farm


Oregon
RRK 970
PROTECT
OR H2O Rights

STREAM TWO: Demonstration Projects

Highlights

In FY 2003, the first year of operations, the CBWTP received 46 water transaction proposals for review from its local partners, the QLEs. While each of the 40 funded or escrowed transactions is innovative, a number of them are highlighted as demonstration projects.



PROJECT: **Reverse Auction**
PARTNER: **Deschutes Resources Conservancy**

In the Crooked River basin of the Ochoco Irrigation District located in central Oregon, the DRC piloted the strategy of a "reverse auction." Irrigators who bid below a confidential reserve price established by the DRC were awarded payment for instream leases. This project tested market efficiency as a means to encourage the highest beneficial use of water while at the same time allocating lower valued water for conservation purposes. By providing producers with incentives to lease water with a lower economic value, higher valued water is available for higher valued crops. In comparison, a regulatory approach might, for instance, reduce the water allotment to all producers by the same amount, regardless of circumstances.

PROJECT: **Conservation Reserve Enhancement Program**
PARTNER: **Washington Water Trust**

Under the federally funded Conservation Reserve Enhancement Program (CREP), agricultural producers are paid under long-term agreements to fallow and to revegetate riparian areas. In the Walla Walla River basin of southeastern Washington, the WWT has negotiated the first long-term lease of water rights from an irrigator whose participation in CREP reduces his acreage in production and, therefore, decreases his need for water. Under the agreement, the conserved water is protected instream and helps to support populations of threatened or endangered fish.

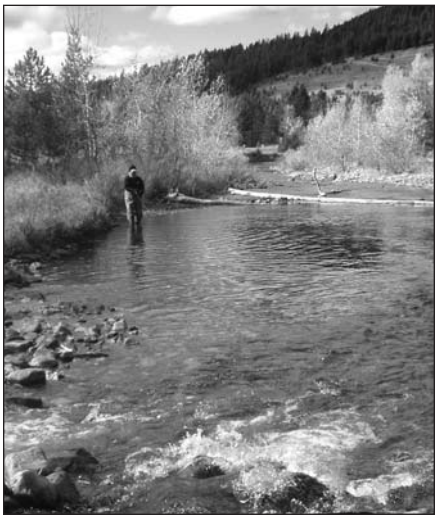
STREAM TWO CONTINUED:

PROJECT: **Idaho Water Bank Leases**
PARTNER: **Idaho Department of Water Resources**

Since the 1930's, the Idaho Water Bank has provided water supplies to new and supplemental water users through an approach designed to maximize the amount of water put to beneficial use. Working through the Idaho Water Bank and in cooperation with the Upper Salmon Basin Watershed Project, IDWR completed a first-time deal in the Salmon River basin of central Idaho to provide water that enhances flows for fish in a tributary to a wild and scenic river.

PROJECT: **Walla Walla Lease Pool**
PARTNER: **Oregon Water Trust**

For the last century, portions of the Walla Walla River in northeastern Oregon have dried up in the summer as a result of over-allocations of water. OWT has worked out voluntary agreements with a group of irrigators on the north and south forks and the main stem of the river to increase stream flows for threatened fish runs. The lease pool simplifies the process for irrigators to participate and creates an opportunity for a joint, community-based effort.



PROJECT: **Diversion Reduction Agreement**
PARTNER: **Trout Unlimited-Montana Water Project**

Historically, Rock Creek is the largest tributary to the north fork of the Blackfoot River in southwestern Montana, but ironically -- in dry years -- it no longer reaches the north fork. As one part of a larger habitat restoration strategy, T.U.-Montana Water Project worked out a single-season agreement with a key irrigator to leave his water instream. This allowed project partners to extend the period of flows in Rock Creek, to test a single-season agreement as a drought response tool and to evaluate the progress of restoration efforts. In addition, it created the opportunity for trust-building with the landowner as T.U. works with him on a long-term lease arrangement that includes replacing a flood irrigation system with a more efficient center pivot system.

CBWTP's Vision

CBWTP's mission is rooted in a balanced vision for sustaining the region's agricultural economy and restoring fish and wildlife. The benefits of voluntary, market-based water transactions bridge these community values of stewardship.

"Instead of fighting, we three Basin irrigation districts found a way to keep 25 cfs in the Walla Walla River for fish. Now the River's seeing steelhead rear year around in reaches where they haven't for over a century. We're working hard to get this water protected so it stays in the River. It's clear to us that if we want our families to farm far into the future, there has to be water for the fish, too."

– Ron Brown, Apple Grower and Board Member, Walla Walla Irrigation District

APPRECIATION

NFWF would like to acknowledge the help of the Transaction Advisory Committee for providing feedback on CBWTP project proposals.
Committee members:

Leslie Bach, The Nature Conservancy
Elizabeth Gaar, NOAA-Fisheries
Jan Lee, CH2M Hill
Douglas MacDougal, Schwabe, Williamson & Wyatt
David Newton, Newton Consultants

Who Benefits and How?

I) Landowners, Producers and Irrigation Districts

- Compensation
- Management flexibility
- Control of their own destiny

II) Communities

- Support for local economies and the rural way of life
- Wet streams and green fields
- Fish in the creeks

III) The Region

- Productive agriculture
- Healthy streams
- More autonomy

FY'03 - Funded Water Transactions Part I

CBWTP Transaction #:	01-03 WA WWT (Methow / Nelson)	02-03 OR DRC (Ochoco '03 Bid-Auction)
Proposing Entity:	Washington Water Trust	Deschutes Resources Conservancy
Benefited Stream:	--------	--------
Tributary of:	Methow River	Crooked River
NPCC Subbasin (Province):	Methow (Columbia Cascade)	Deschutes (Columbia Plateau)
Watershed USGS HUC #:	1702000804	1707030505
Primary Protected Rate (max.):	0.43 cfs	2.37 cfs
Acre Feet (max. per year):	64.80 AF	787.60 AF
Miles of Tributary Enhanced:	20.25 mi	48.00 mi
Water Right Season of Use:	Apr. 15 - Oct. 15	May 1 - Oct. 15
Term (# of years in effect):	2003 - 2005 (3)	2003 (1)
Primary Funding Source:	BPA	BPA
Other Cost Share Source(s):	Washington Department of Ecology	--------
Jeopardized ESUs Benefited:	Chinook Upper Columbia River Spring Run, Upper Columbia River Steelhead	N/A
DPS benefited (Recovery Unit):	Columbia River Bull Trout (Upper Columbia Recovery Unit)	Columbia River Bull Trout (Deschutes Recovery Unit)

CBWTP Transaction #:	06-03 OR DRC (Ochoco Lumber)	07-03 TU MWP (Poorman Creek)
Proposing Entity:	Deschutes Resources Conservancy	Trout Unlimited, Montana Water Project
Benefited Stream:	Ochoco Creek	Poorman Creek
Tributary of:	Crooked River	Blackfoot River
NPCC Subbasin (Province):	Deschutes (Columbia Plateau)	NF Blackfoot (Mountain Columbia)
Watershed USGS HUC #:	1707030505	1701020326
Primary Protected Rate (max.):	0.36 cfs	15.11 cfs
Acre Feet (max. per year):	260.00 AF	4,577.60 AF
Miles of Tributary Enhanced:	48.00 mi	1.50 mi
Water Right Season of Use:	June 1 - Sept. 15	May 1 - Oct. 1
Term (# of years in effect):	2003 - 2004 (2)	2003 - 2018 (15)
Primary Funding Source:	BPA	BPA
Other Cost Share Source(s):	--------	Big Blackfoot TU, MT Dept. of Fish, Wildlife & Parks, USFWS, NRCS, DNRC.
Jeopardized ESUs Benefited:	N/A	N/A
DPS benefited (Recovery Unit):	Columbia River Bull Trout (Deschutes Recovery Unit)	Columbia River Bull Trout (Clark Fork Recovery Unit)

CBWTP Transaction #:	12-03 OWT OR (Thompson Mill)	12b-03 OWT OR (Thompson Mill)
Proposing Entity:	Oregon Water Trust	Oregon Water Trust
Benefited Stream:	Calapooia River	Calapooia River
Tributary of:	Willamette River	Willamette River
NPCC Subbasin (Province):	Willamette (Lower Columbia)	Willamette (Lower Columbia)
Watershed USGS HUC #:	1709000303	1709000303
Primary Protected Rate (max.):	35.00 cfs	35.00 cfs
Acre Feet (max. per year):	8,000.00 AF	8,000.00 AF
Miles of Tributary Enhanced:	1.50 mi	--------
Water Right Season of Use:	April 9 - Oct. 9	April 9 - Oct. 9
Term (# of years in effect):	2003 - 2004 (1)	2004 (1)
Primary Funding Source:	BPA	--------
Other Cost Share Source(s):	PacifiCorp	PacifiCorp
Jeopardized ESUs Benefited:	N/A	Upper Willamette Spring Chinook (migrating)
DPS benefited (Recovery Unit):	Columbia River Bull Trout (Willamette Recovery Unit)	Columbia River Bull Trout (Willamette)

CBWTP Transaction #:	16-03 WWT Cromarty, Shirley (5)	17-03 WWT (Cromarty) Eckman (12)
Proposing Entity:	Washington Water Trust	Washington Water Trust
Benefited Stream:	Teanaway River	Teanaway River
Tributary of:	Yakima River	Yakima River
NPCC Subbasin (Province):	Yakima (Columbia Plateau)	Yakima (Columbia Plateau)
Watershed USGS HUC #:	1703000119, 1703000121	1703000119, 1703000121
Primary Protected Rate (max.):	0.53 cfs	0.37 cfs
Acre Feet (max. per year):	106.88 AF	73.20 AF
Miles of Tributary Enhanced:	14.00 mi	14.00 mi
Water Right Season of Use:	May 1 - Sept. 15	May 1 - Sept. 15
Term (# of years in effect):	2003 (1)	2003 (1)
Primary Funding Source:	BPA	BPA
Other Cost Share Source(s):	Washington Department of Ecology	Washington Department of Ecology
Jeopardized ESUs Benefited:	Middle Columbia River Steelhead	Middle Columbia River Steelhead
DPS benefited (Recovery Unit):	Columbia River Bull Trout (Middle Columbia Recovery Unit)	Columbia River Bull Trout (Middle Columbia Recovery Unit)

FY'03 - Funded Water Transactions Part II

03-03 WA WWT (Gold Creek / Ubber)
Washington Water Trust
Gold Creek
Methow River
Methow (Columbia Cascade)
1702000802
1.29 cfs
211.68 AF
28.75 mi
Apr. 15 - Nov. 15
2003 (1)
BPA
Washington Department of Ecology
Chinook Upper Columbia River Spring Run, Upper Columbia River Steelhead
Chinook Upper Columbia River Spring Run, Upper Columbia River Steelhead

04-03 WA WWT (Frazer Creek/Hardy)
Washington Water Trust
Frazer Creek/Beaver
Methow River
Methow (Columbia Cascade)
1702000804
0.17 cfs
28.56 AF
28.76 mi
May 1 - Sept. 15
2003 - 2004 (2)
BPA
Washington Department of Ecology
Upper Columbia Steelhead

N/A

05-03 OR DRC (Ochoco Valley)
Deschutes Resources Conservancy
Little Bear Creek
Crooked River (above Prineville)
Deschutes (Columbia Plateau)
1707030416
0.78 cfs
136.28 AF
5.00 mi
Varies: Apr. 15 - Oct. 31
2003 - 2007 (5)
BPA

N/A

Columbia River Bull Trout
(Deschutes Recovery Unit)

08-03 TU MWP (Rock Cr/Hoxworth)
Trout Unlimited-Montana Water Project
Rock Creek
Blackfoot River
NF Blackfoot (Mountain Columbia)
1701020316
4.00 cfs
974.00 AF
2.50 mi
May 1 - Aug. 31
2003 (1)
BPA

N/A

Columbia River Bull Trout
(Clark Fork Recovery Unit)

09-03 TU MWP (Rock Cr/Rue)
Trout Unlimited-Montana Water Project
Rock Creek and North Fork Blackfoot River
Blackfoot River
NF Blackfoot (Mountain Columbia)
1701020316v
6.85 cfs
1,430.00 AF
3.00 mi
July 15 - Oct. 15
2003 (1)
BPA

N/A

Columbia River Bull Trout
(Clark Fork Recovery Unit)

11-03 OWT OR (Walla Walla Lease Bank)
Oregon Water Trust
North and South Forks
Walla Walla River
Walla Walla (Columbia Plateau)
1707010219, 1707010220

1.10 cfs	1.70 cfs	1.50 cfs
117.00 AF	199.00 AF	637.19 AF

0.00 mi
July 10 - Aug. 31
2003 (1)

BPA	BPA	BPA

Middle Columbia River Steelhead

Columbia River Bull Trout
(Umatilla-Walla Walla Recovery Unit)

13-03 WWT WA (Teanaway Valley Farms)
Washington Water Trust
Teanaway River
Yakima River
Yakima (Columbia Plateau)
1703000119
1.10 cfs
346.00 AF
11.50 mi
May 1 - Sept. 15
2003 (1)
BPA
Washington Department of Ecology
Middle Columbia River Steelhead
Columbia River Bull Trout
(Middle Columbia Recovery Unit)

14-03 WWT WA (Mundy)
Washington Water Trust
Teanaway River
Yakima River
Yakima (Columbia Plateau)
1703000119
0.52 cfs
172.50 AF
5.00 mi
May 1 - Sept. 15
2003 (1)
BPA

Middle Columbia River Steelhead
Columbia River Bull Trout
(Middle Columbia Recovery Unit)

15-03 WWT WA (Cromarty, Joe)
Washington Water Trust
Teanaway River
Yakima River
Yakima (Columbia Plateau)
1703000121
0.20 cfs
39.20 AF
14.00 mi
May 1 - Sept. 15
2003 (1)
BPA
Washington Department of Ecology
Middle Columbia River Steelhead
Columbia River Bull Trout
(Middle Columbia Recovery Unit)

18-03 WWT (Cromarty) Chap/Bank (13)
Washington Water Trust
Teanaway River
Yakima River
Yakima (Columbia Plateau)
1703000119, 1703000121
0.20 cfs
40.00 AF
14.00 mi
May 1 - Sept. 15
2003 (1)
BPA
Washington Department of Ecology
Middle Columbia River Steelhead

Columbia River Bull Trout
(Middle Columbia Recovery Unit)

19-03 WWT Chapman-King (9)
Washington Water Trust
Teanaway River
Yakima River
Yakima (Columbia Plateau)
1703000113, 1703000121
0.36 cfs
72.00 AF
14.00 mi
May 1 - Sept. 15
2003 (1)
BPA
Washington Department of Ecology
Middle Columbia River Steelhead

Columbia River Bull Trout
(Middle Columbia Recovery Unit)

20-03 WWT WA Barkshire (10)
Washington Water Trust
Teanaway River
Yakima River
Yakima (Columbia Plateau)
1703000119, 1703000121
0.20 cfs
40.00 AF
14.00 mi
May 1 - Sept. 15
2003 (1)
BPA
Washington Department of Ecology
Middle Columbia River Steelhead

Columbia River Bull Trout
(Middle Columbia Recovery Unit)

FY'03 - Funded Water Transactions Part III

CBWTP Transaction #:	22-03 DRC OR (Middle Deschutes River)	23-03 DRC OR (Kelldano)
Proposing Entity:	Deschutes Resources Conservancy	Deschutes Resources Conservancy
Benefited Stream:	----------	Paulina Creek
Tributary of:	Middle Deschutes River	Little Deschutes River
NPCC Subbasin (Province):	Deschutes (Columbia Plateau)	Deschutes (Columbia Plateau)
Watershed USGS HUC #:	1707030104	1707030201
Primary Protected Rate (max.)**:**	3.87 cfs	5.85 cfs
Acre Feet (max. per year)**:**	1,269.15 AF	1,044.00 AF
Miles of Tributary Enhanced:	30.00 mi	8.00 mi
Water Right Season of Use:	April 1 to Nov 1	April 1 - Nov. 1 and Aug. 30
Term (# of years in effect)**:**	2003 (1)	2003 (1)
Primary Funding Source:	BPA	BPA
Other Cost Share Source(s):	--------	--------
Jeopardized ESUs Benefited:	N/A	N/A
DPS benefited (Recovery Unit)**:**	Columbia River Bull Trout (Deschutes Recovery Unit)	Columbia River Bull Trout (Deschutes Recovery Unit)

CBWTP Transaction #:	29-03 IDWR ID (Big Hat Creek)	34-03 DRC OR (Middle Deschutes River)
Proposing Entity:	Idaho Department of Water Resources	Deschutes Resources Conservancy
Benefited Stream:	Big Hat Creek	----------
Tributary of:	--------	Middle Deschutes River
NPCC Subbasin (Province):	Salmon (Mountain Snake)	Deschutes (Columbia Plateau)
Watershed USGS HUC #:	1706020313	1707030104
Primary Protected Rate (max.)**:**	0.84 cfs	0.53 cfs
Acre Feet (max. per year)**:**	122.50 AF	172.70 AF
Miles of Tributary Enhanced:	2.00 mi	30.00 mi
Water Right Season of Use:	April 1 - Oct. 31	April 1-November 1
Term (# of years in effect)**:**	2003 (1)	2003 - 2007 (5)
Primary Funding Source:	BPA	BPA
Other Cost Share Source(s):	--------	--------
Jeopardized ESUs Benefited:	Snake River Steelhead, Chinook Snake River Spring-Summer Run	N/A
DPS benefited (Recovery Unit)**:**	Columbia River Bull Trout (Salmon River Recovery Unit)	Columbia River Bull Trout (Deschutes Recovery Unit)

CBWTP Transaction #:	38-03 WWT WA (Conner)	39-03 WWT WA (Ossenkop)
Proposing Entity:	Washington Water Trust	Washington Water Trust
Benefited Stream:	Teanaway	--------
Tributary of:	Yakima River	Walla Walla River
NPCC Subbasin (Province):	Yakima (Columbia Plateau)	Walla Walla (Columbia Plateau)
Watershed USGS HUC #:	1703000119, 1703000121	1707010204
Primary Protected Rate (max.)**:**	1.80 cfs	0.20 cfs
Acre Feet (max. per year)**:**	585.00 AF	25.14 AF
Miles of Tributary Enhanced:	2.00 mi	26.00 mi
Water Right Season of Use:	May 1 - Sept. 15	Year round
Term (# of years in effect)**:**	2003 (1)	2003 (1)
Primary Funding Source:	BPA	BPA
Other Cost Share Source(s):	Washington Department of Ecology	Washington Department of Ecology
Jeopardized ESUs Benefited:	Middle Columbia River Steelhead	Middle Columbia River Steelhead
DPS benefited (Recovery Unit)**:**	Columbia River Bull Trout (Middle Columbia)	Columbia River Bull Trout (Umatilla-Walla Walla)

FY'03 - Funded Water Transactions Part IV

24-03 WWT WA (Libby Creek)
Washington Water Trust
Libby Creek
Methow River
Methow (Columbia Cascade)
1702000800
1.14 cfs
144.20 AF
1.25 mi
April 1 - Nov. 1, July 1 - Nov. 1
2003 - 2004 (2)
BPA
Washington Department of Ecology
Chinook Upper Columbia River Spring Run, Upper Columbia River Steelhead
Columbia River Bull Trout
(Upper Columbia Recovery Unit)

27-03 IDWR ID (Fourth of July Creek)
Idaho Department of Water Resources
Fourth of July Creek
Salmon River
Salmon (Mountain Snake)
1706020118
4.10 cfs
291.60 AF
1.00 mi
May 1 - Oct. 31
2003 (1)
BPA

Snake River Steelhead, Snake River Sockeye, Chinook Snake River Spring-Summer Run Columbia River Bull Trout
(Salmon River Recovery Unit)

28-03 IDWR ID (Otter Creek)
Idaho Department of Water Resources
Otter Creek
Panther Creek
Salmon (Mountain Snake)
1706010315
4.00 cfs
297.50 AF
2.00 mi
April 1 - Oct. 31
2003 (1)
BPA

Snake River Steelhead, Chinook Snake River Spring-Summer Run
Columbia River Bull Trout
(Salmon River Recovery Unit)

35-03 WWT WA (Norman Cromarty) (4)
Washington Water Trust
Teanaway
Yakima River
Yakima (Columbia Plateau)
1703000119, 1703000121
0.18 cfs
36.00 AF
15.25 mi
May 1 - Sept. 15
2003 (1)
BPA
Washington Department of Ecology
Middle Columbia River Steelhead

Columbia River Bull Trout
(Middle Columbia)

36-03 WWT WA (Andrew Cromarty) (6)
Washington Water Trust
NF Teanaway
Yakima River
Yakima (Columbia Plateau)
1703000119, 1703000121
1.00 cfs
200.00 AF
15.25 mi
May 1 - Sept. 15
2003 (1)
BPA
Washington Department of Ecology
Middle Columbia River Steelhead

Columbia River Bull Trout
(Middle Columbia)

37-03 WWT WA (G2 & G3) (7)
Washington Water Trust
NF Teanaway
Yakima River
Yakima (Columbia Plateau)
1703000119, 1703000121
0.22 cfs
44.00 AF
15.25 mi
May 1 - Sept. 15
2003 (1)
BPA
Washington Department of Ecology
Middle Columbia River Steelhead

Columbia River Bull Trout
(Middle Columbia)

41-03 MWT MT (Threemile Creek)
Montana Water Trust
Threemile Creek
Bitterroot River
Bitterroot (Clark Fork)
1701020508
0.75 cfs
96.00 AF
0.50 mi
April 1 - Oct. 30
2003 - 2022 (20)
---
landowner donation
N/A

Columbia River Bull Trout
(Clark Fork Recovery Unit)

33 Transactions were Funded
10 QLEs proposed transactions
19 Streams benefited
12 Rivers benefited
8 Subbasins

133.62 cfs
30,641.28 AF
436.26 mi

Funded Water Transaction TOTALS

FY'03 - Transactions in Escrow

CBWTP Transaction #:	13b-03 WWT WA (Teanaway Valley Farms)	16b-03 WWT Cromarty, Shirley (5)
Proposing Entity:	Washington Water Trust	Washington Water Trust
Benefited Stream:	Teanaway River	Teanaway River
NPCC Subbasin (Province):	Yakima (Columbia Plateau)	Yakima (Columbia Plateau)
Watershed USGS HUC #:	1703000119	1703000119, 1703000121
Primary Protected Rate (max.):	1.10 cfs	0.53 cfs
Acre Feet (max.):	380.00 AF	106.88 AF
Protected Reach:	--------	14.00 mi
Water Right Season of Use:	May 1 - Sept. 15	May 1 - Sept. 15
Term (# of years in effect):	2004 - 2007 (4)	2004 - 2005 (2)
Cost Share Source:	Washington Department of Ecology	Washington Department of Ecology
ESU:	Middle Columbia River Steelhead	Middle Columbia River Steelhead
DPS (Recovery Unit):	Columbia River Bull Trout (Middle Columbia Recovery Unit)	Columbia River Bull Trout (Middle Columbia)

CBWTP Transaction #:	33-03 DRC OR (Middle Deschutes River)	35b-03 WWT WA (Norman Cromarty) (4)
Proposing Entity:	Deschutes Resources Conservancy	Washington Water Trust
Benefited Stream:	----	Teanaway
NPCC Subbasin (Province):	Deschutes (Columbia Plateau)	Yakima (Columbia Plateau)
Watershed USGS HUC #:	1707030104	1703000119, 1703000121
Primary Protected Rate (max.):	1.59 cfs	0.18 cfs
Acre Feet (max.):	48,878.11 AF	36.00 AF
Protected Reach:	30.00 mi	15.25 mi
Water Right Season of Use:	April 1 - Nov. 1	May 1 - Sept. 15
Term (# of years in effect):	Perpetuity	2004 - 2005 (2)
Cost Share Source:	--------	Washington Department of Ecology
ESU:	N/A	Middle Columbia River Steelhead
DPS (Recovery Unit):	Columbia River Bull Trout (Deschutes)	Columbia River Bull Trout (Middle Columbia)

CBWTP Transaction #:	37b-03 WWT WA (G2 & G3) (7)	40-03 TU MT (Weaver)
Proposing Entity:	Washington Water Trust	Trout Unlimited-Montana Water Project
Benefited Stream:	NF Teanaway	NF Blackfoot River
NPCC Subbasin (Province):	Yakima (Columbia Plateau)	NF Blackfoot (Mountain Columbia)
Watershed USGS HUC #:	1703000119, 1703000121	1701020313
Primary Protected Rate (max.):	0.22 cfs	17.75 cfs
Acre Feet (max.):	44.00 AF	24,105.55 AF
Protected Reach:	15.25 mi	2.25 mi
Water Right Season of Use:	May 1 - Sept. 15	May 15 - Sept. 30
Term (# of years in effect):	2004 - 2005 (2)	2004 - 2033 (30)
Cost Share Source:	Washington Department of Ecology	TU chapter, USFWS, landowner
ESU:	Middle Columbia River Steelhead	N/A
DPS (Recovery Unit):	Columbia River Bull Trout (Middle Columbia)	Columbia River Bull Trout (Clark Fork Recovery Unit)

CBWTP Transaction #:	42-03 MWT MT (9 Mile Creek)	**7 deals in escrow**
Proposing Entity:	Montana Water Trust	**10 QLEs proposed transactions**
Benefited Stream:	Ninemile Creek	**5 Streams to be benefited**
NPCC Subbasin (Province):	Bitterroot (Clark Fork)	**4 Subbasins**
Watershed USGS HUC #:	1701020501	**--------**
Primary Protected Rate (max.):	0.20 cfs	**21.57 cfs**
Acre Feet (max.):	150.00 AF	**73,700.54 AF**
Protected Reach:	4.00 mi	**80.75 mi**
Water Right Season of Use:	April 1 - Oct. 30	**--------**
Term (# of years in effect):	2004 - 2013 (10)	**--------**
Cost Share Source:	--------	**--------**
ESU:	N/A	**--------**
DPS (Recovery Unit):	N/A	**--------**

Escrowed Water Transaction TOTALS

FY'03 - CBWTP Expenses*

Expenditure	Amount
Deschutes Resources Conservancy	$194,852
Idaho Department of Water Resources	$208,336
Montana Water Trust	$94,772
Oregon Water Resources Department	$135,525
Oregon Water Trust	$175,422
Trout Unlimited-Montana Water Project	$85,803
Washington Department of Ecology	$164,985
Washington Water Trust	$129,826
Walla Walla Watershed Alliance	$73,986
National Fish and Wildlife Foundation	$288,754
Escrowed Transactions	$99,022
Grand Total*	**$1,651,283**

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- The operating budgets and special project monies of the Qualifying Local Entities
- The operating budget of the National Fish and Wildlife Foundation, Pacific Northwest Regional Office

For additional information, please visit: www.cbwtp.org