

CONSERVATION QUARTERLY

FALL 2014

LANDOWNER SPOTLIGHT: TOM BROWN PEAR ORCHARD IRRIGATION UPGRADE

Cascadia Conservation District offers a Landowner Assistance Cost-Share Program to help landowners in Chelan County implement natural resource conservation projects and improvements on their land. Cascadia offers a wide range of project options, as discussed on page two.

In October of 2012, Tom Brown applied for Cascadia's Landowner Assistance Program for assistance with an upgrade to his irrigation system on approximately 9.5 acres of pears near Monitor, Washington. Tom heard about Cascadia's programs from a friend and his hope was to upgrade to a more modern, efficient irrigation system with help from Cascadia.

Tom's project included the conversion of an old above-ground impact irrigation system to a more efficient micro irrigation system to reduce the risk of over- and under-watering his orchard. Impacts of overwatering can include soil erosion and leaching of nutrients to the nearby streams and lakes.

In spring of 2013, approximately 1,000 feet of pipeline was installed and half of the sprinkler system was upgraded. The remaining half of the sprinklers were upgraded in spring of 2014.



Tom Brown in front of his orchard.

Mr. Brown had this to say about working with Cascadia Conservation District:

"Working with Cascadia Conservation District was very satisfying. I was able to upgrade my old system into a modern, more efficient system at considerable cost savings. I am convinced we are growing better quality fruit now because of the new irrigation system."

(Continued on page 2)



Old impact sprinklers tend to overwater in some areas and underwater in others resulting in less than ideal growing conditions for orchards.



New micro irrigation sprinklers result in water savings, reduced soil erosion and less risk of leaching nutrients into groundwater.

POSTAL CUSTOMER

Non-Profit Org.
US
POSTAGE
PAID
PERMIT # 40
Wenatchee,

**2015
NATIVE
PLANT
SALE**

See page 3 for more information and an order form.

LANDOWNER SPOTLIGHT CONTINUED

Need help managing natural resources on your property? Cascadia is here to help!

Cascadia's Landowner Assistance Program offers technical and financial assistance and can pay up to 50% of the total cost of eligible projects. Eligible projects include wildfire fuels reduction, irrigation system upgrades, and much more.

Cascadia is currently seeking cooperators for streamside planting projects in the Wenatchee River basin.

For additional information, please contact Kristine Desgroseillier at: (509) 436-1601 or Kristined@cascadiacd.org

Photo courtesy of: Heather Trainer



This turbid water in Peshastin Creek is an example of the effects of a degraded riparian area. Riparian areas are the vegetated strips along a waterbody. Cascadia currently has funding for riparian restoration projects. Contact us at (509) 436-1601 for additional information.

FAMILY FOREST FISH PASSAGE PROGRAM PROVIDES BARRIER REMOVAL

The goal of the Department of Natural Resources' (DNR) Family Forest Fish Passage Program (FFFPP) is to help landowners improve fish passage and restore fish populations by eliminating fish passage barriers, such as undersized, damaged, or elevated culverts.



Above is an example of a fish passage barrier. If you qualify for the program, the entire cost of correcting a fish barrier can be paid for by the Family Forest Fish Passage Program (FFFPP). The FFFPP team also handles all aspects of project management including engineering, permitting, and contracting.



Above is the final product: a bridge! In this case, direct benefits include a long-lasting bridge for the landowner and over 100 miles of upstream habitat improvement for many fish species.

*Photos and article submitted by Ryan Campbell of DNR

PICTURE THE WENACHEE: WATERSHED PHOTO CONTEST RESULTS

Thank you to all the wonderful photographers who made our 2014 photo contest another big success, and congratulations to the photographers of the twelve winning photos!

The twelve winning photos, two per each of the six categories, are listed to the right. Please visit www.picturethewenatchee.com to see them all. Look for a selection of them in an upcoming *Wenatchee World* article. Also, three "Best in Show" photos will be featured in the December issue of *The Good Life* magazine, out in mid-November.

Thank you to our photo galleries for displaying the entries: 59er Diner, Der Man Shoppe, Icicle Brewing Company, Leavenworth Mountain Sports, Lemongrass Natural Foods, and Mountain Springs Lodge.

The 2015 Picture the Wenatchee watershed calendar featuring the winning photos will be out in mid-November. Contact Cascadia Conservation District at (509) 436-1601 or cascadiacd@yahoo.com for additional information and to order yours!

Please note: The Picture the Wenatchee watershed stewardship campaign is expanding to include all of Chelan County! The new name for the campaign will be The Chelan County Clean Water Campaign. Renovation and expansion will take place this winter and the 2015 photo contest will be under the new name. Stay tuned for additional information!

Agriculture:

- "Orchard Quilt" by Dale Blair
- "Preparing for Harvest" by Marcy LaGagnier

Landscape:

- "Fall Color in Tumwater Canyon" by Judy West
- "Spider Meadows Sunset" by Dale Blair

Plants:

- "Lupine and Ponderosa" by Christene Taylor
- "Orange Flower" by Savannah Meiners

Recreation:

- "Canoeing on Lake Chelan" by Morgan Leech
- "Icicle Refuge 3" by Doug Pendleton

Water:

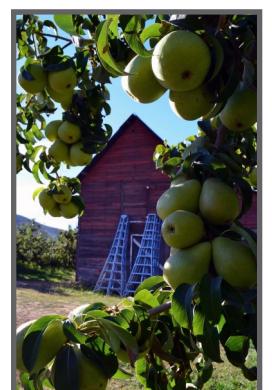
- "A Wenatchee Smoky Sunset on the Water" by Airan Mendoza
- "Purple Creek Waterfall" by Morgan Leech

Wildlife:

- "Looking for Salmon" by Bob Burrows
- "Lunchtime for Me Too" by Diane Ottosen



"Spider Meadows Sunset" by Dale Blair



"Preparing to Harvest" by Marcy LaGagnier



ANNUAL NATIVE PLANT SALE

Cascadia Conservation District is now accepting orders for our annual native plant sale. This year we will be offering 14 different plant species suitable for a variety of planting projects. Many of the plants are also considered fire-resistant and make excellent choices for your FireWise landscape.

Most of the plants are available as bare-root stock, meaning they do not come in pots or burlap bags. They are harvested from the field in winter when the plants are dormant and arrive ready to be replanted in your landscape.

Most plants are sold in bundles of 10 stems with the exception of Ponderosa pine, which are offered in either bundles of 25 stems or bags of 200 stems. An order form is included below.

A color brochure with photos and information on each of the plant species offered is available on our website at www.cascadiacd.org or by calling our office at (509) 436-1601. **All orders must be received by February 21, 2015.**

Plants are sold on a first-come, first-served basis and quantities are limited. A minimum 50% deposit is required to hold your order. Fully

prepaid orders are appreciated. We are sorry, but we are unable to accept credit cards at this time.

Plants will be distributed at the Stemilt Growers Warehouse in north Wenatchee in April 2015. A map to the pick-up site will be sent to you along with a reminder as the pick-up date approaches. Please be aware that any unclaimed plants will be considered abandoned and used for conservation projects. There are *no* refunds for plant orders not picked up. If you can't make the pick up day and time you can designate someone else to pick up your plants for you.

Please refer to our website, www.cascadiacd.org, for a list of commonly asked questions related to the plant sale. Inquiries should be directed to Zach Hinman, AmeriCorps Member, at (509) 436-1601.

In addition to the plant sale, Cascadia Conservation District is sponsoring a free workshop titled "Native Planting 101". This workshop will cover a wide variety of topics including restoration, yardscaping and creating pollinator habitat with native plants, as well as everything you ever wanted to know about weed identification and management.

The "Native Planting 101" workshop will be held in **February 2015**. The date and time will be set soon and will be posted on our website, www.cascadiacd.org.

For more information or to RSVP contact our office at (509) 436-1601 or visit our website at www.cascadiacd.org.

STOCK TYPES

1-0 Bareroot– Grown in seedbed for one year. They represent the smallest stock type and are easiest to plant correctly, but plan for some weed control.

2-0 Bareroot– Grown two years in seedbed. They are bigger and better able to compete with surrounding vegetation and can withstand light to moderate browsing by wildlife.

Plug– Container grown in a greenhouse for one year. Roots still encapsulated in soil. Similar to 1-0 stock in terms of planting ease, competition with surrounding vegetation, and susceptibility to browsing by wildlife.



Cascadia Conservation District 2015 Native Plant Sale

Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone Number: _____

Email Address: _____

Plant	Stock	Height	Sold As	# of Bundles	Price/Bundle	Order
Conifers:						
Ponderosa Pine	2-0	12"+	200 per bag	_____	x \$120.00 each	= _____
Ponderosa Pine	2-0	12"+	25 per bundle	_____	x \$30.00 each	= _____
Western White Pine	P-1	6-12"	5 per bundle	_____	x \$7.50 each	= _____
Deciduous Trees:						
Quaking Aspen	1-0	12"+	5 per bundle	_____	x \$7.50 each	= _____
Vine Maple	2-0	18"+	5 per bundle	_____	x \$7.50 each	= _____
Shrubs:						
Blue Elderberry	1-0	12"+	5 per bundle	_____	x \$7.50 each	= _____
Golden Currant	2-0	12"+	5 per bundle	_____	x \$7.50 each	= _____
Mock Orange	1-0	12"+	5 per bundle	_____	x \$7.50 each	= _____
Red Osier Dogwood	1-0	12"+	5 per bundle	_____	x \$7.50 each	= _____
Serviceberry	1-0	12"+	5 per bundle	_____	x \$7.50 each	= _____
Red Stem Ceanothus	2-0	12"+	5 per bundle	_____	x \$7.50 each	= _____
Tall Oregon Grape	1-0	12"+	5 per bundle	_____	x \$7.50 each	= _____
Woods Rose	plug	3-6"	5 per bundle	_____	x \$20.00 each	= _____
Evergreen Huckleberry						
Ground Cover:						
Kinnikinnick	plug	3-6"	5 per bundle	_____	x \$15.00 each	= _____

Ordering Instructions

1. Complete order form.
2. By February 21, please bring or mail order form & payment to:

Cascadia Conservation District
14 N Mission St.
Wenatchee, WA 98801

3. Watch your mail box for:

Pickup date and time and a map to the pick-up site. Plant distribution will take place at the Stemilt Growers Warehouse in north Wenatchee.

Cascadia Conservation District
14 N Mission St.
Wenatchee, WA 98801

Questions?
509-436-1601

Thanks for supporting your local conservation district!

Minimum 50% deposit is required to guarantee order.

We do not accept credit cards at this time.
Sorry for any inconvenience.

Subtotal = _____
Add 8.2% WA State Sales Tax = _____
Total = _____

For office use only: receipt # _____ paid _____ outstanding balance _____

WE NEED YOU...



...TO JOIN OUR BOARD OF SUPERVISORS...

Cascadia Conservation District is self-governed by a Board of Supervisors who work to establish priorities, set policy and direct the work of Cascadia staff. Registered voters residing within the Cascadia Conservation District boundary* who are interested in guiding conservation efforts in Chelan County are encouraged to run for office. Board members are unpaid volunteers who serve a three-year term and must be available to attend monthly meetings.

To announce your candidacy:

1. Obtain an information form and nominating petition by calling our office: (509) 436-1601 or visiting our website: www.cascadiacd.org.
2. Collect signatures from at least 25 registered voters in the District.
3. Submit completed information form by **December 18, 2014**. Include the nominating petition to get your name printed on the ballot.

*The Cascadia Conservation District boundary currently includes all of Chelan County except for the incorporated cities of Wenatchee and Chelan.

...AND TO VOTE!

If you don't have the time to serve on the Board, then make your voice heard by voting for your preferred candidate.

Registered voters within the District boundary are eligible to vote. The election will likely be held during the annual Pear Day conference on **January 20, 2015** in the lobby of the Wenatchee Convention Center from 8:30 am to 2 pm.

For questions regarding the election please call Valerie at (509) 436-1601.

WELCOME ABOARD!

Cascadia is pleased to welcome our newest AmeriCorps intern, Zach Hinman.

Since graduating from the University of Idaho in 2010, Zach has held a number of titles including English as a second language teacher, raft guide, and blueberry picker.

Zach grew up in Bend, Oregon. He enjoys skiing, biking, fishing, and rafting.



CASCADIA
CONSERVATION DISTRICT

14 N Mission St Wenatchee, WA 98801
(509) 436-1601 • www.cascadiacd.org

Board of Supervisors

Josh Koempel, *Chair*
Hal Hawley, *Vice Chair*
Roger Wristen, *Auditor*
Frank Andrews, *Member*
Junell Wentz, *Member*
Jim Bartelme, *Associate*
Larry Cordes, *Associate*
Conard Petersen, *Associate*

Staff Members

Mark Amara, *Archaeologist*
Mike Cushman, *Project Coordinator II*
Kristine Desgroseillier, *Resource Specialist I*
Peggy Entzel, *District Administrator*
Valerie Hampton, *Administrative Assistant*
Zach Hinman, *AmeriCorps Member*
Kurt Hosman, *Project Coordinator II*
Kim Lancaster, *Archaeologist*
Amanda Levesque, *Education & Outreach*
Michael Rickel, *Program Manager*
Jason Sims, *Resource Specialist II*
Nada Wentz, *Office Assistant*

This newsletter is funded in part by grants from the Washington State Conservation Commission, the Washington State Department of Ecology and other public and private granting entities.



Please Remember to Recycle

UPCOMING MEETINGS & EVENTS

Cascadia Conservation District Regular Board Meetings

-Nov 20, 2014 3:30 PM at 14 N Mission St in Wenatchee
-Dec 18, 2014 3:30 PM at 14 N Mission St in Wenatchee
-Jan 15, 2015 3:30 PM at 14 N Mission St in Wenatchee
Please contact Cascadia's office for more information: (509) 436-1601.

Entiat Community Meeting

Nov 20, 2014 6:00 to 8:00 PM at 2084 Entiat Way, Entiat, WA

Entiat Habitat Sub Committee Meeting

-Nov 20, 2014 at 9:00 AM at 215 Melody Lane in north Wenatchee
-Dec 18, 2014 at 9:00 AM at 215 Melody Lane in north Wenatchee
-Jan 15, 2015 at 9:00 AM at 215 Melody Lane in north Wenatchee

Entiat Fall Projects Tour

Oct 23, 2014 at 8:30 AM to 2:30 PM. Meet at the Kiosk at the mouth of the Entiat River (Entiaqua Park)

Entiat Watershed Planning Unit (EWPU) meeting

Jan 7, 2015 9:00 AM to 12:00 PM at 14108 Kinzel St, Entiat, WA

Cascade Columbia Fisheries Enhancement Group

Dec 12, 2014 7:00 PM @ Wenatchee River Institute in Leavenworth screening "The Lost Fish" (cultural/ecological significance of Lamprey Eel)

Chelan-Douglas Land Trust Annual Dinner Oct. 25 at 6:00 PM

Learn about Land Trust projects accomplished with your support.

Initiative for Rural Innovation & Stewardship

Nov 12 and 20, 2014 7:00- 9:00 PM on *Talk About a Place* series - November 12 at the Waterville Federated Church and on Nov 20 at The Grove Recital Hall on the Wenatchee Valley College campus

Happy Hour at the Nature Conservancy

Oct 26, 2014 6:00 PM at 6 Yakima St. Suite 1A, Wenatchee WA 98801. For more info and to RSVP contact WAEvents@tnc.org.

Upper Columbia Salmon Recovery Board

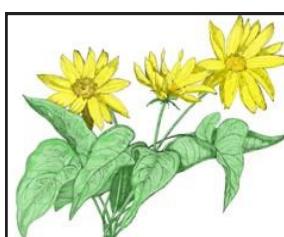
Dec 3, 2014 10:00 AM to 4:00 PM NCW Forest Health Collaborative Meeting, Chelan Fire House, Chelan

Wenatchee River Institute

Nov 7, 2014 7:00 PM "The North Cascades: Finding Beauty and Renewal in the Wild Nearby". 347 Division St., Leavenworth

Cascadia Conservation District has a blog:
Cascadia's Conservation Conversation!

Please check it out at:
<http://ccdconservationconversation.blogspot.com/>



Native Plants of Central Washington
for
Restoration and Landscaping

- Over 120 species, including trees, shrubs, wildflowers and grasses
- Nursery is open March–November

Derby Canyon Natives

Peshastin, WA Tel: (509) 548-9404 www.derbycanyonnatives.com

DEEPROOTS
Landscaping & Nursery, Inc.

(509) 679-0154 • www.deeprootslandscapes.com

- Landscape design & installation specialists.
- Growers of native plants including landscape ready trees, shrubs & perennials.

Nursery open by appointment only. Call us today!