

CONSERVATION QUARTERLY

SPRING 2021

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LANDOWNER SPOTLIGHT: KEEPING THE CHUMSTICK WATERSHED WILD AND HEALTHY

By Elizabeth Jackson, Cascadia CD

Mike and Cordelia Bradburn manage five acres along Little Chumstick Creek in Leavenworth. They have called this site home for the last 35 years. The property provides pasture for three horses, a small orchard, and a large garden. The natural habitat gives them solace and a sense of home. Their love for the many species of birds, plants, and even the big cats that roam the area led them to participate in a 2020 restoration project of Little Chumstick Creek organized by Cascadia Conservation District.

The Bradburns wanted to contribute their own efforts towards keeping the Chumstick watershed remaining wild and healthy. In addition, they would love to see the water remain clean and once again sustain the wild fish that were once commonly found in the creek. The creek supports many frogs, which along with other amphibians are an indicator species for the overall condition of a healthy ecosystem.

“We have a huge population of frogs at every pond and pool along the creek and their raucous songs remind me of their job of indicating environmental health.” - Cordelia Bradburn -

They are excited to watch the different plants species grow and disperse, particularly the native species that have been absent from this riparian site for some time. They are especially happy to observe plants that produce fruit and seed for birds to harvest, such as Woods’ rose, blue elderberry, golden currant, and chokecherry.

Working with Cascadia Conservation District has been a positive experience for the Bradburns. They found the staff to be respectful of their ownership and worked with them as partners. Cascadia provided them with advice to

improve pasture conditions and soil production while allowing them to help choose the riparian plants that were installed. In addition, the restoration project involved installing livestock exclusion fencing, which the Bradburns said was made “so easy” thanks to the Cascadia crew implementing the work and constructing sturdy fence lines. The fencing helps limit livestock access to the creek’s newly restored riparian areas to increase wildlife use at the site.

The Bradburns encourage other landowners and operators in Chelan County to contact Cascadia to help implement projects that can improve natural resource concerns.



Blue elderberry and golden currant above were among the species planted

“We were given help and advice on making our pastures healthier and improving our soil as well as beautiful plantings that we were allowed to help choose,” said Bradburn. “I would heartily recommend working with Cascadia to help improve our environment for all concerned.”

This project was funded through the Washington Department of Ecology. For more information about CCD programs, contact us at (509) 436-1601 or info@cascadiacd.org.



HAVE A CONSERVATION PROJECT IN MIND FOR YOUR PROPERTY?

Cascadia Conservation District may be able to help you find funding for your project. Cascadia is currently seeking landowners with thoughtful stewardship project ideas for your farm, forest or water.

Some examples are:

- Forest Health (thinning, brush reduction)
- Irrigation Management (irrigation upgrades, irrigation timers)
- Farm Operations (noxious weed suppression, erosion control, cover crops, pasture management)

The Conservation Practice Cost Share Program is an incentive program intended to defray landowner costs for implementing conservation practices with reimbursement funding for up to 75% of project costs. See our website for more information or contact info@cascadiacd.org.

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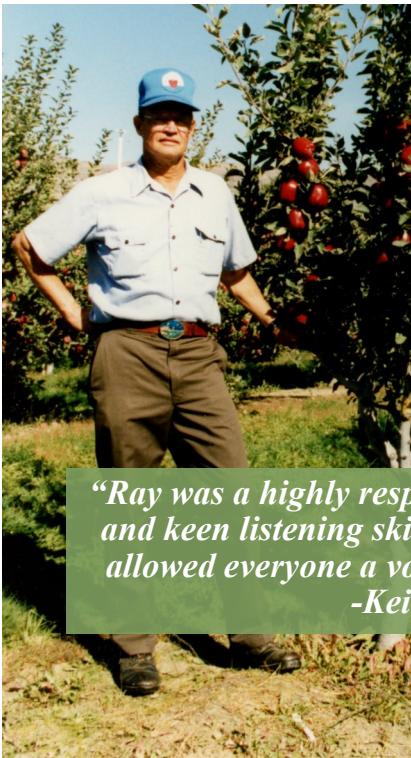
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TRIBUTE TO RAY SANDIDGE

Contributed by Rick Edwards

North Central Washington lost another pillar of the community with the recent passage of Ray Sandidge of Entiat. Ray’s memoriam provided a glimpse into the diverse life and many accomplishments of this truly amazing man. Those accomplishments spanned a wide range including decorated Army pilot, successful orchardist, 25-year volunteer firefighter, and Olympic torch bearer. He also held leadership roles in many community organizations, such as the Wenatchee Valley College Foundation and Entiat Chamber. Two constants in his life were his faith and his 69-year marriage to Teresa, his high school sweetheart.



Ray with Super Chief apples, his own strain. Photo from the Sandidge Family

However, it was Ray’s role in working to develop and implement the Entiat Watershed Plan where his “Can Do” motto played a key role in supporting Cascadia Conservation District goals. Ray was instrumental in bringing Entiat landowners together to trigger the planning effort. As a prominent member of the Landowner Steering Committee, he saw the process through to fruition and beyond. Here are several reflections about Ray that framed his role in the community as well as his sense of humor:

“Ray was a highly respected leader, whose organization and keen listening skills promoted an atmosphere that allowed everyone a voice in the search for solutions.” -Keith Vradenburg

“Ray was a ‘mover and a shaker’-skilled at motivating people in just the right way to get tough things done that would not otherwise be accomplished.” -Mike Asher

“Margaret Mead said ‘Never doubt that a small group of thoughtful, committed citizens can change the world; indeed, it’s the only thing that ever has.’ That’s very true, but such groups also need a spark to ignite imagination and action, and glue to keep it together. Ray was both spark and glue. I miss him immensely.” John Monahan

“Ray was a true asset to the Entiat community. He had no qualms about taking on any task, no matter how challenging.” -Russ Griffith

Phil Archibald distinctly recalls that during one of the Entiat instream flow meetings, Ray reflected about how things were at the very beginning of the planning process. Using his southern drawl: “We were like a bunch of long-tailed cats in a room full of rocking chairs!” This was just one example of Sandidge wisdoms that captured the moment and helped make people feel comfortable.

A line from Ray’s memoriam captures all of these sentiments:

“He never saw a challenge that couldn’t be remedied by collective strong community involvement and drawing on the great leadership available in the Valley.”

Thank you for doing that so well, sir!

GET CERTIFIED SALMON SAFE

Farms, Vineyards, and Cideries

We want to assist you becoming Salmon-Safe Certified. We offer grant-funded:

- Technical Assistance
- Implementation Cost-Share
- Certification Fee Coverage

Learn more at cascadiacd.org

WELCOME ABOARD ELIZABETH!



Cascadia is excited to welcome Elizabeth “Liz” Jackson to the team as a Resource Specialist II.

Originally from the East Coast, Elizabeth moved to the Wenatchee Valley in 2014 with a passion for fish and wildlife and working with people. Elizabeth has over ten years of experience in resource management at non-profit, state, and federal organizations and five years of experience in conservation planning. She earned a BA in Environmental Science from Clark University in 2009 and a master’s

certificate in Wildlife Management from Oregon State University in 2019. Elizabeth enjoys the beauty of North Central Washington and devotes herself to preserving our natural resources for future generations. In her spare time, she enjoys traveling with her husband, hiking with her dogs, and opening her home to foster animals.

Chelan County Clean Water Campaign

PHOTO CONTEST

Visit www.cascadiacd.org for complete contest rules & details and to submit your photo(s)!



HAPPY RETIREMENT PEGGY!

Written by Valerie Hampton, Cascadia CD

In October 1986, Peggy Entzel started working for the Chelan County Conservation District as a secretary. It was her second part-time job, and the first one that came with five bosses and an in-house supervisor who worked for a different agency. At that time, the District was housed within the federal Soil Conservation Service office, and its District Conservationist served as the day-to-day supervisor for the District staff.



Peggy helped with a soil mapping project, oversaw the very first water quality grant, conducted field water quality monitoring (see photo above right), and kept records that evolved from typewriters and graph paper to a computer network, GPS and scanners.

"I will be forever grateful for Peggy's caring, positive approach and influence. Her faithful willingness to pitch in on any task has insured the success of the Cascadia Conservation District for many years. She will be missed. I truly wish her all the best in retirement."
-Jim Bartelme, Board Member

She hired, trained, mentored and directed a team of professionals, sometimes managing dozens of grants with more than 50 billing codes at a time. She navigated through a raft of bosses, three office moves and hundreds of projects serving landowners throughout the county. Peggy's kindness, dedication and grace under fire are unmatched, and her infectious laugh will be greatly missed.



"It has been a pleasure to work with Peggy. I have appreciated her passion for Conservation. Her knowledge and expertise will be missed. I wish her well in her new life. Cheers to lots of wonderful adventures." - Junell Wentz, Board Chair

Congratulations on your more than 34 successful years of service, and best wishes on your well-deserved retirement, Peggy!

THANK YOU FOR YOUR SERVICE JOSH!

Written by Valerie Hampton, Cascadia CD

Over the years, members of the Board of Supervisors have brought many skills to the District, helping to shape programs and guide policy. Josh Koempel provided a refreshing perspective, with his involvement in many aspects of agriculture, interest in a wide variety of subjects, innovation in local orchard practices, and a practical approach to complex topics.



"Aside from Josh's unique, delightful personality, I am going to miss his boundless efforts to guide the Cascadia Conservation District. It has been fun. I wish you the best for your next adventures." - Jim Bartelme, Board Member

Cascadia appreciates Josh's 17 years of volunteer service, many of them as Chair, leading the District through many challenges and achievements. We look forward to future opportunities to hear his input as an Associate Supervisor.

"Josh, What can I say! It's been fun getting to know you. I have appreciated your unique personality and your understanding of the farmer point of view regarding conservation. Your knowledge and experiences was a great contribution to the Board. I will miss you. Find some shade under an apple or cherry tree and once in while check in on us in a meeting." - Junell Wentz, Board Chair

Thank you, Josh, for your commitment to conservation. Happy Trails!

SALMON AND THEIR FRIEND THE BEAVER

*Contributed by Nicole Jordan,
Upper Columbia Salmon Recovery Board*

The Upper Columbia Salmon Recovery Board (UCSRB) runs an annual Salmon Recovery Funding Board (SRFB) grant round for project sponsors working toward salmon recovery in the region. Each year sponsors develop proposals and seek resources to help implement their restoration projects proposed from a range of methodologies. Salmon restoration projects often have multiple benefits and rely on the support of landowners to be successful. One such restoration approach growing in popularity for SRFB funding involves beavers.



BDAs in Potato Creek near Entiat.
Photo of Trout Unlimited (TU) project

Beaver dams are valuable to many aspects of river and floodplain health.

Beaver dams slow the rate of water flow over the landscape, connecting side channels and building essential habitat for many animals including endangered salmon and threatened bull trout. Often, nuisance beavers are trapped on private lands and transported to areas away from conflict with landowners where they can provide ecological benefits.

Beaver Dam Analogs (BDAs) simulate the form and function of a natural beaver dam through the installation of upright posts in the streambed that are then woven with natural debris such as small sticks and grasses, which helps mitigate channel incision. Once these structures are installed, habitat can be successfully restored. The structures can be adaptively managed and adjusted to accommodate for fish passage and other needs identified over time. Over 30 BDAs were installed on Potato Creek by the Wenatchee-Entiat Beaver Project in recent years and the habitat is already showing great improvement and potential for the reintroduction of beaver.



BDAs in Potato Creek near Entiat. Photo of TU project

To learn more about beaver projects in the Upper Columbia visit: Methow Beaver Project: <https://methowbeaverproject.org/> Wenatchee-Entiat Beaver Project: <https://www.facebook.com/WenatcheeEntiatBeaverProject/>

All SRFB projects, including those involving beaver components, undergo rigorous review, evaluation, and scoring by technical experts and a citizen committee over the coming months. More information on SRFB can be found here: <https://www.ucsr.org/what-we-do/funding/salmon-recovery-funding-board-srfb/>

2021 CASCADIA BOARD ELECTION

A poll site election for a seat on the Cascadia Conservation District Board of Supervisors will be held on June 9, 2021 at the Pybus Public Market, 7 N Worthen St, Wenatchee. Polls will open at 11:00 am and close at 4:00 pm. Registered voters who reside within Chelan County are eligible to vote.

Candidates must be registered voters residing in the conservation district, and may be required to own land or operate a farm. Filing deadline is 5:00 pm on May 11, 2021. Election procedures are available at the district office.

Absentee ballots are available upon request for eligible voters, but must be requested on or before 5:00 pm on May 11, 2021. Supervisors are volunteer, unpaid public officials who direct the activities of the conservation district. If you have questions, or would like to request filing information or an absentee ballot, please contact the District office at 14 N Mission St, Wenatchee; on our web site at cascadiacd.org; or by calling 509-436-1601.

SIGN UP FOR WILDFIRE READY NEIGHBORS

*Contributed by Carrie Ulvestad,
WA Dept of Natural Resources*

*Reducing wildfire risk starts
with our community.*

Cascadia Conservation District is partnering with the Washington State Department of Natural Resources, Wenatchee CAFÉ (Community for the Advancement of Family Education) and local fire departments to help raise awareness and encourage action to get everyone wildfire ready. The pilot program, Wildfire Ready Neighbors “WRN” is targeting high risk areas identified in DNR’s 20-Year Forest Health Strategic Plan in 3 counties (Chelan, Okanogan and Spokane).



Everyone in Chelan County who signs up at WildfireReady.com by May 14 will receive a FREE step-by-step Wildfire Ready Plan and get entered to win a \$300 Stan's Merry Mart gift card. The website is available in English and Spanish.

Join your neighbors in reducing wildfire risk at WildfireReady.com.

En Español: Todos en el condado de Chelan que se inscriban en WildfireReady.com antes del 14 de mayo recibirán el plan Wildfire Ready (Listo para Incendios) paso a paso GRATIS y podrán ganar una tarjeta de regalo de Stan's Merry Mart de \$300. El sitio web está disponible en inglés y español. Únase a sus vecinos para reducir el riesgo de incendios forestales en WildfireReady.com.



SOIL TESTING PROGRAM

Good grass, healthy pasture and abundant crops start with healthy soil.

If you are curious as to why your pasture yields have decreased or weeds increased, it is time to test your soil. If you are having issues with crops or are establishing new beds or orchards, it is time to test your soil.

Soil Test Program Specifics:

1. Eligible landowners can receive a free soil test if they sign up for a site visit with a Farm/Resource Planner.
2. Once test results are received, a follow-up consultation and nutrient and water management plan may be provided.
3. Soil tests are conducted seasonally during spring and early fall depending on what you want to know:
 - a. Spring soil tests tell you what nutrients are needed for crop establishment or pasture health for the coming growing season
 - b. Fall soil tests tell you what your crop has used over the growing season and if you are efficiently applying nutrients in the spring

Contact Elizabeth Jackson at 509-436-1601 or elizabethj@cascadiacd.org for a free soil test.

NEW PODCAST SHEDS LIGHT ON THE UPPER COLUMBIA

*Contributed by Nicole Jordan,
Upper Columbia Salmon Recovery Board*

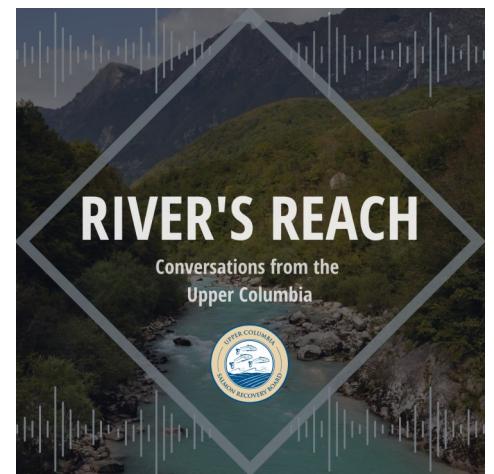
In 2020, the Upper Columbia Salmon Recovery Board launched a new podcast series, *River's Reach: Conversations from the Upper Columbia*.

The podcast aims to shed light on salmon and steelhead recovery and forest health restoration efforts through conversations with key voices in the region.

Topics range from stories of successes/challenges, emerging threats, partner programs and initiatives and more!

Give it a listen and learn about the incredible work being done in the region.

Episodes are available on their website (<https://www.ucsrb.org/podcasts/>) and Spotify (<https://open.spotify.com/show/249RHGYQsKdWrcXLe9f46w>)



FREE Chipping Program

from Cascadia CD and WA Dept of Natural Resources

Registration for the spring program is open!

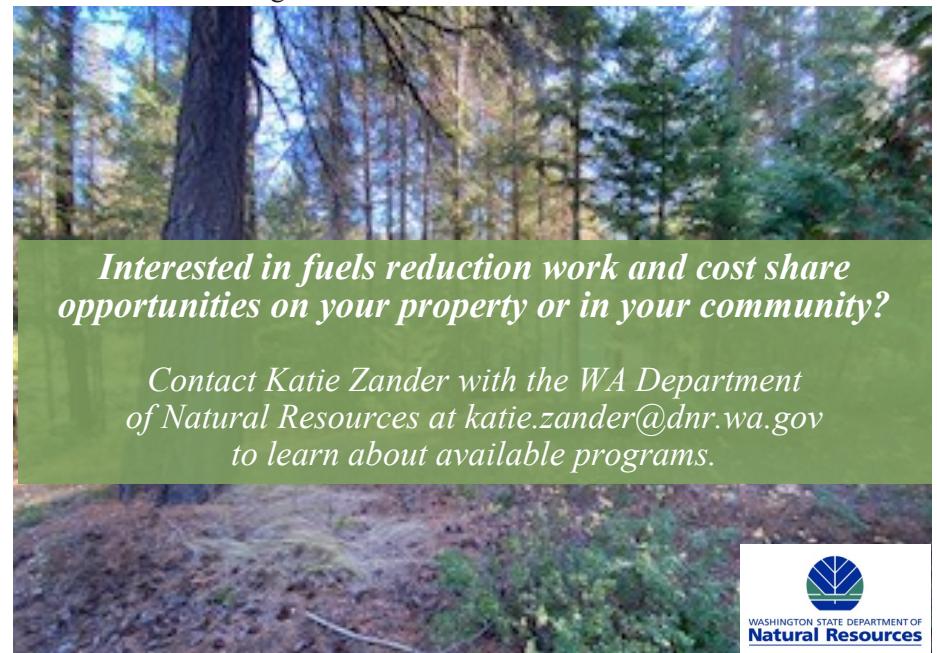
Register by May 7 here: <https://bit.ly/2NpALJP>

Or via the link at www.cascadiacd.org and on Facebook.

Questions? Contact Amanda Newell at amandan@cascadiacd.org.

See tips below to help you reduce your risk of wildfire damage:

- Clear leaves and other debris from gutters, eaves, porches and decks.
- Remove dead vegetation and other items from under your deck or porch, and within 10 feet of the house.
- Wildfire can spread to tree tops, then jump quickly from tree to tree. Prune trees so the lowest branches are 6 to 10 feet from the ground.
- Learn more about how to protect your home and property at www.firewise.org.



Interested in fuels reduction work and cost share opportunities on your property or in your community?

Contact Katie Zander with the WA Department of Natural Resources at katie.zander@dnr.wa.gov to learn about available programs.



RIGHT TREE, RIGHT PLACE

*Contributed by Rachel Hansen,
Chelan County Public Utility District (PUD)*

Spring time is planting time for trees and shrubs. Before you shovel, take a good look around. Are there power lines nearby? Is your home surrounded by defensible space? Now more than ever, it's important to choose trees and shrubs to plant that are utility friendly, water frugal and fire resistant.

A little time spent reading the tag on a tree or shrub seedling can have big returns in reducing the chance of that full-height plant growing into power lines or being pushed into them during a storm, said Bill Sanborn, PUD arborist and vegetation manager.

Before you dig, call 811 for a free underground utility locating service to help you avoid underground utilities.

“Most important is that the mature height and spread of the tree should remain 10 feet from power lines,” Sanborn said.



Bill Sanborn at Arbor Day 2019.
Photo by Chelan PUD

Sanborn said golden currant, oakleaf sumac and viburnum seedlings are good choices for planting near power lines. He is happy to answer tree questions from Chelan PUD customers/owners and to work with them to prune or remove trees growing too close to power lines. Contact him at 509-661-4508 or bill.sanborn@chelanpud.org.

Another factor to consider is water. This region receives less than 10 inches of rainfall each year. Looking for inspiration on low-water, low-maintenance plants? Check out the Xeriscape demonstration garden maintained by WSU Chelan County Master Gardeners along the Apple Capital Recreation Loop Trail near Riverfront Park.

Lastly, plan a fire-hardy landscape that will keep flames and surface fires away from your home. Think of your landscape in three zones:

- Immediate zone: 0-5 feet from your home. It's a no-tree zone, and consider replacing all flammable materials, like bark, with rock or other fire-hardy materials.
- Intermediate zone: 5-30 feet from your home. Remove ladder fuels (shrubs and small trees) and allow at least 18 feet between tree crowns. Planting distance increases on a slope.
- Extended zone: 30-100 feet from your home. The goal here is to interrupt the fire's path and keep flames small. Leave at least six feet between tree canopy tops, and remove vegetation adjacent to outbuildings.

For more Firewise landscaping tips, and a list of fire-resistant plants, check out the National Fire Protection Association at www.nfpa.org.

CONSERVING THE ENERGY WE SHARE

*Contributed by Lacy Stockton,
Chelan County Public Utility District (PUD)*



Public gardens at Rocky Reach Dam offer sweeping views of the Columbia River.
Photo by Venessa Martyn.

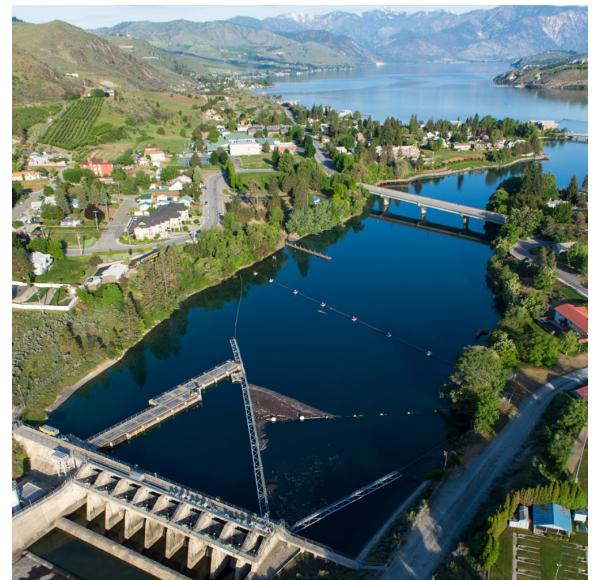
As you turn up the heat, you might not think about where your power comes from: the great Columbia River. Our local hydropower is a resource we all share. The river provides us with clean energy to power our homes and businesses and more.

Power generated beyond what we use in Chelan County is sold to other areas. We use the revenues to keep our electric rates low and support other community benefits, including high-speed internet,

public parks, and other Public Power Benefits. Pretty amazing!

These programs only work if we all do our part to use energy wisely. If we use all our power at home, we won't have any to sell to other markets.

That's one reason Chelan County PUD offers cash back on energy-saving upgrades to your home and business. You can get rebates on energy-efficient heating, windows, water heaters, and more. Upgrades help you live and work more comfortably while using energy responsibly.



The Chelan Dam generates clean hydropower for the benefit of everyone who lives, works, or plays in Chelan County. Photo by North 40 Productions.

So, the next time your neighbor upgrades to an efficient heat pump, throw a (Zoom) party! They just helped your whole community!

For more info, visit chelanpud.org/save or call us at (509) 661-8008.

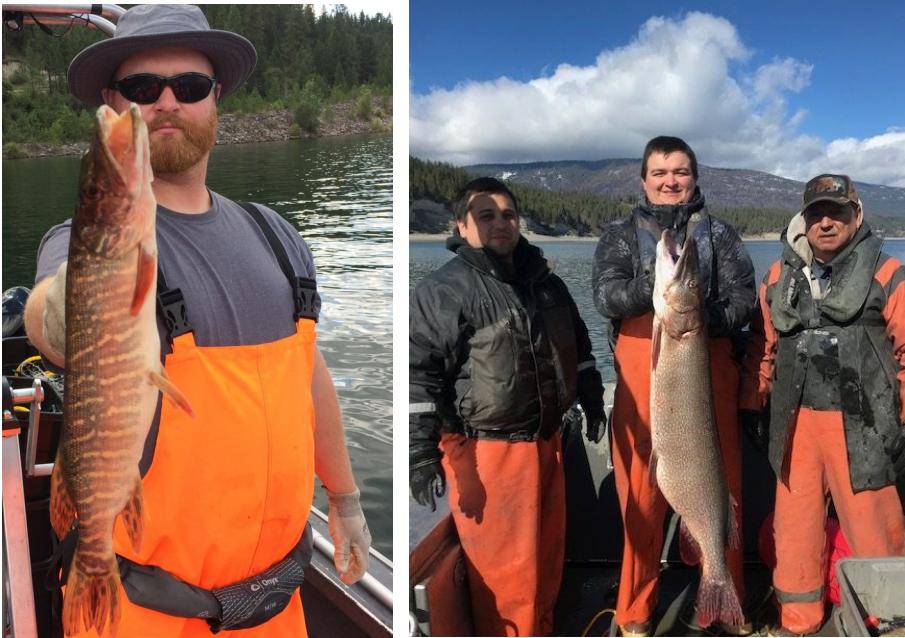
**DO YOU HAVE
BEAVER ISSUES
ON YOUR
PROPERTY?**



The Wenatchee-Entiat Beaver Project, a project of Trout Unlimited, is here to help! **Contact us for a free site visit and to discuss how we can help.** Kodi Jo Jaspers, Program Manager, at (509) 888-0970 or kodijo.jaspers@tu.org.

ANGLERS ARE AN ALLY TO STOP NORTHERN PIKE INVASION

Contributed by Rachel Hansen, Chelan County PUD
Have you met this fish?



Northern Pike in Lake Roosevelt. Photos from Chelan County PUD

It's Northern Pike – a non-native, voracious predator that has taken up residence in the Upper Columbia, specifically Lake Roosevelt. They grow fast and big by eating fish 60 percent of their own length, and up to 70 percent of their diet is salmon. Northern Pike are also prolific. They can live over 20 years and they average 40,000 eggs per spawn.

In an effort to protect Columbia River salmon, Chelan PUD is working closely with Upper Columbia tribes, PUDs, and other agencies on active suppression to keep Northern Pike from moving any further downstream. Anglers, you can help:

- Learn how to identify Northern Pike by checking out the signs at recreational boat launches.
- Read about fishing Northern Pike on the Fishin' Magician blog, fishingmagician.com
- Visit the Upper Columbia Salmon Recovery Board website at ucsrb.org/northernpike.
- If you catch Northern Pike, please keep the fish, take a picture and report it at invasivespecies.wa.gov

Better yet, you can get paid \$10 per Northern Pike head! The Confederated Tribes of the Colville Reservation have drop-off locations at Noisy Waters Gas Station, Kettle Falls and Hungers Campground, and Inchelium Fish & Wildlife Office.

Anglers make a big difference in the fight to protect the Columbia River from Northern Pike. Just last year, anglers caught 1,100 fish through the bounty program. Since 2015, suppression boats have caught 16,000 fish.

Park and play – free!

Apply now for a 2021 parking pass good at three local state parks -- Confluence, Daroga and Lincoln Rock – as a public power benefit from Chelan PUD. Request a pass (one per family) at chelanpud.org/parkingpass Planning to explore more state parks this year? Consider a \$35 Washington State Discover Pass for free parking at more than 100 state parks.

IMPROVING FISH PASSAGE AT THE BOULDER FIELD

Contributed by Theo Burgoon,
Trout Unlimited WA Water Project

They call it “the Boulder Field:” a series of giant boulders stacked in and around a short, 25-foot vertical incline of Icicle Creek, a Wenatchee River tributary. Under most flow conditions, the Boulder Field prevents ESA-listed steelhead and bull trout from accessing some 26 mainstem miles and more than 24 tributary miles of habitat in designated wilderness and national forest upstream.

For years, questions of “Is there something we can do to help steelhead and bull trout access that habitat?” and “If there is, should we?” have been debated locally. Trout Unlimited (TU) ultimately decided after years of consideration that yes, there is, and we should. And we’ll likely need to bust up and rearrange some rocks the size of Volkswagens along the way.

More than ten years in the making, last summer, construction began at the Boulder Field. The project’s design involved “modification” of several boulders using low-velocity charges and hydraulic drills, placement of some others, and excavation of four pools along one side of the channel - improving fish access upstream. In addition, the City of Leavenworth’s water intake was relocated and fitted with a new self-cleaning screen system.



“The Boulder Field” Photo by Trout Unlimited

TU is quick to caution against expectations of steelhead and bull trout pouring by the thousands over the Boulder Field site overnight. As conceived, the project was never intended to be a fish superhighway. The objective, rather, is to create or restore conditions at the site that will allow fish to access upstream habitat during times of year, and at flow levels, they would naturally do so.

Construction wraps up by early May. There likely will be an adaptive management component as well moving forward. For additional information contact theo.burgoon@tu.org.

BRINGING FISH HOME:

NORTH CENTRAL WASHINGTON BARRIER ASSESSMENTS

Contributed by Kristen Kirkby, Cascade Fisheries

Human-made fish passage barriers, such as dams, undersized culverts, collapsed crossings/structures, and levees, reduce the distribution, abundance, productivity, and diversity of salmonids and other aquatic species in our watersheds.

These barriers can also degrade fish habitat by altering or limiting the downstream movement of water, sediment, and wood; and the upstream delivery of nutrients from spawning adult fish.



Cascade Fisheries field crew assessing barriers to fish passage in the Okanogan Basin, Summer 2020. Photos from Cascade Fisheries

In 2019, Cascade Fisheries (CF) completed basin-wide fish passage barrier assessments for the Methow and Entiat watersheds. With the Wenatchee Basin completed in 2017 and the anticipated completion of the Okanogan Basin in 2021, we will have a comprehensive and consistent assessment identifying human-made fish-passage barriers across our region.



In four summers of surveying, CF field crews have surveyed a total of 618 sites in the Wenatchee Basin, 581 in the Methow Basin, and 119 sites in the Entiat Basin.

Using this data, a model was created to prioritize barriers for removal based on several characteristics.

These include but are not limited to quantity and quality of upstream habitat, barrier severity and fish species use. With the results of this prioritization, CF has begun working with private and public landowners to remove or replace barriers with fish passable structures.

Funding for these projects came from the Salmon Recovery Funding Board, the Tributary Committees, and the Confederated Tribes of the Colville Reservation (CTCR). CF is very grateful for training and data management provided by Washington Department of Fish and Wildlife, in-kind support from the US Forest Service, and outreach assistance from Cascadia and Okanogan Conservation Districts, and CTCR.

HELPING PEOPLE HELP FISH:

STREAMSIDE LANDOWNERS GIVE A HELPING HAND TO FINNED FRIENDS

Contributed by Aaron Rosenblum, Cascade Fisheries

With the barrier assessments and prioritization complete in Chelan County, we are now working with private and public landowners to correct fish passage barriers by replacing undersized culverts with larger culverts or bridges. Our staff strives to make the process hassle-free for landowners and assist in identifying the best possible creek crossing solution for both humans and nature.

Once a project has been identified, we will seek and secure all necessary funding, coordinate the design process with engineers and funders, apply for all environmental permits, hire a construction contractor, and oversee the construction process.



Derby Creek culvert replacement on private property in Peshastin. At no cost to the landowner, the project replaced two under-sized culverts with steel bridges and opened almost a mile of habitat for steelhead and resident rainbow trout. Funding by the Family Forest Fish Passage Program. Photo from Cascade Fisheries

When the project is complete, fish gain access to upstream habitat, and landowners gain a new stream crossing designed to pass large flood flows that meet or exceed all current state and county codes.

During construction, it may look a little messy for a couple of weeks while we are out there digging, but the result is well worth it!

If you are a streamside landowner and believe you may have a barrier to fish migration on your property, contact our Executive Director, Jason Lundgren at Jason@ccfeg.org to learn more about how you can be a part of salmon recovery.

KIDS CORNER:

CREATE A MINI GARDEN AND WATER CYCLE IN A BOTTLE



1. Cut the 2-liter bottle in half about 4 in above the base and cut 1 inch slits up the sides.



2. Add one inch of gravel and 3 in of potting soil.



3. Plant seeds & add water.



4. Replace top and tape shut.

IS YOUR GO BAG READY?

Contributed by Barbara Carrillo, Chumstick Wildfire Stewardship Coalition

Prepare Your “Go Bag” Today and Get Out Safely Tomorrow



Photo credit: NFPA

Part of living in the iconic and scenic Northwest is experiencing fire season and from time to time in our communities it can turn dangerous. In the last several years, we have experienced some longer and more intense fire seasons. This trend is not going away for the foreseeable future and fires don't wait so be ready and prepare your “Go Bag” today.

What is a “Go Bag”, you say?

A Go Bag is an evacuation backpack or laundry bag of essential items you can quickly grab at a moment's notice to help you safely and effectively evacuate your home in case of a natural disaster or a threat of fire. Including essential items such as water, food, and medicine to last a few days is a top priority. Other valuable items such as passports, driver's licenses, the deed to your house, your will and or trust, proof of insurance, medical records, social security cards, birth certificates, immunization records, and pet medical records should also be included. Store these items in a waterproof bag for safekeeping.

Include one gallon of water per person per day, non-perishable food, a first-aid kit, keys, a flashlight, batteries, a few changes of clothing, diapers, pet food, cash, face masks and hand sanitizer. Other important items to remember are things like a whistle, pocketknife, headlamp, radio, extra phone chargers, matches, a favorite book, deck of cards, toys or games and snacks or candy bars.

Finally, plan an evacuation route and establish a family communication plan with phone numbers of loved ones who live out of state in case local cell towers go down and make sure everyone knows to meet up in the same place. Natural disasters don't wait, so pack a Go Bag for you and your loved ones today. See the following links on other great Go Bag tips: [supplies_kit_checklist.pdf](#) (nfpa.org) as well as [During the Fire — CWSC](#) (chumstickcoalition.org)

ATTENTION KIDS!

You can help your family prepare a Go Bag!
Check out this how-to video: <https://youtu.be/H-27-sLg3fl>



CASCADIA
CONSERVATION DISTRICT

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

Staff Members

Mark Amara, *Archaeologist*
Kirk Beckendorf, *Environmental Educator*
MarySutton Carruthers, *Resource Specialist II*
Kathleen Deason, *Administrative Assistant*
Patrick Haggerty, *Forestry Program Manager*
Valerie Hampton, *Financial Coordinator*
Elizabeth Jackson, *Resource Specialist II*
Kim Lancaster, *Archaeologist*
Ken Muir, *Project Coordinator II*
Amanda Newell, *Education & Outreach*
Nada Wentz, *Office Assistant*
Ryan Williams, *Executive Director*

Board of Supervisors

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UPCOMING MEETINGS & EVENTS

Cascadia Conservation District Board Meetings*

May 21	Call our office for details	1:30 - 4:00 pm
June 18	Call our office for details	1:30 - 4:00 pm
July 16	Call our office for details	1:30 - 4:00 pm

*Meetings will be call-in or video conference only until the Governor's order is lifted. Watch our website or call 509-436-1601 for updates.

Entiat Watershed Planning Unit Meeting

TBD	Call our office for details	10:00 am - 12:00 pm
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Salmon “On-Line” - Virtual Salmon Festival

Enjoy this special collection of resources that will enhance at-home learning opportunities for all. Visit: www.salmonfest.org/index.php/salmon-fest-on-line/

Friends of Northwest Hatcheries

A non-profit organization whose focus is to support natural resource stewardship and education. Explore their growing list of at home education resources at: www.friendsofnwhatcheries.org/

Film Series Showcases Local Watersheds

May 19	Virtual via Zoom*	Mission Creek 4:30 pm Lower Wenatchee 6:30 pm
June 16	Virtual via Zoom*	Chumstick Creek 4:30 pm Peshastin Creek 6:30 pm

Partner organizations dedicated to advancing salmon recovery efforts within the Wenatchee watershed produced a series of community outreach videos. These videos share the stories of the collaborative efforts that have resulted in salmon habitat restoration and protection projects, within the Wenatchee River and its tributaries. Video recordings and Zoom links here: www.co.chelan.wa.us/natural-resources/pages/friends-of-our-rivers--whats-happening-in-your-backyard

Wenatchee River Institute

Leavenworth Spring Bird Fest: Watercolor Workshop with Molly Hashimoto

May 13	Virtual	10:00 am -12:30 pm
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Leavenworth Spring Bird Fest: Sip & Paint

May 14	Virtual	6:00-7:30 pm
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Leavenworth Spring Bird Fest: The Wonderful Adaptations of Birds Virtual Presentation

May 15	Virtual	7:00-8:30 pm
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Leavenworth Spring Bird Fest: Sketching Birds in Watercolor with Laurel Mundy

May 16	Virtual	1:00-3:00 pm
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Wenatchee River Institute Summer Camps

July & Aug	Grades 1-6	Contact for details
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More info and registration for all events above at: www.wenatcheeriverinstitute.org. Questions? Contact: programs@wenatcheeriverinstitute.org

Basecamp Cascadia

A community space to facilitate wild backcountry experiences for all. Wild experiences foster a connection to wild places and compel people to protect them. To facilitate wild experiences, Basecamp Cascadia provides an outdoor classroom to empower individuals with skills, confidence, flexibility and a wilderness mindset to discover their own adventures.

Basecamp's programs match the seasons, this summer's focus is to provide folks the tools to connect to rivers through a **Packraft Specific Rescue Training with Swiftwater Safety Institute on June 29 -July 1 2021**. For more information about this and other programs, check out the website at basecampcascadia.org.



Photo by: Chris Korbolic