



# LOWER SNAKE RIVER COMPENSATION PLAN

# FISH FOR THE FUTURE



MATT HOW GRAPHIC - USFWS



LSRCP ARTWORK CONTEST SUBMISSION

WHAT'S BEEN HAPPENING IN LSRCP

JAN/FEB 2024



# Lower Snake River Compensation Plan

FISH FOR THE FUTURE



## COORDINATOR'S CORNER

Well, 2024 is off to a great start. We've been busy at LSRCP planning for the upcoming Annual Meeting, attending Annual Operating Plan meetings, and building a plan for the \$200M Columbia River System Operations settlement. Exciting times ahead for Fish for the Future!

On the cover is a submission for the LSRCP Artwork contest. This was one of my favorites, no name, written on a brown envelope, and included "Fish for Life". If we can find this kid, I think we need to put them on an internship - reminded me of my own childhood.

We had a great cold snap back in January in Boise, made for some fantastic waterfowl hunting and some cold toes for my oldest daughter. Lots of memories made. I did put on a sport coat and head to the Capital this winter too. Still ongoing discussions on large maintenance projects including the Dworshak pipeline.

If you're looking for some inspiration - check out this video about Atlantic Sturgeon:

<https://www.youtube.com/watch?v=Lu4jV-I7Ydc>

You should recognize a familiar face - Ed Crateau, one of the first LSRCP Coordinators.

Thanks for being Fish for the Future!

-Nate



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When times get tough,  
use the KC method.

## Keep Casting

Chris Brewer, Erwin National  
Fish Hatchery

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HARLEY WIESE, DUCK HUNTING



# QUAGGA MUSSEL TREATMENT

SLAKE RIVER, SHOSHONE FALLS, IDAHO

## Quagga Mussel Response, Nic Zurfuh

Last Fall, Idaho State Department of Agriculture completed a chemical treatment for Quagga Mussel response in the Snake River. Immediately after detection and verification of veligers on September 18, 2023, ISDA implemented containment measures. Those measures included waterbody closures, signage, mandatory decontamination for exiting watercraft, and public outreach for watercraft that had visited the Mid-Snake area in the previous 30-days.

Additional surveys were conducted upstream and downstream and adults were confirmed in the Centennial Park area near Twin Falls, Idaho. ISDA used "Natrix", a copper compound to control and eliminate quagga mussels and their veligers at 1 ppm. Over 46,465 gallons of Natrix were applied over 192 hour treatment from October 3-13, 2023. Copper was fully out of the system by October 18, 2023.





# HARRISON LAKE NATIONAL FISH HATCHERY

## Harrison Lake National Fish Hatchery

Jeremy Sommer, Dworshak Hatchery Manager, and I travelled to the National Conservation Training Center in Shepherdstown, West Virginia in January to teach the Coldwater Fish Culture Course. The course had students from all across the country. It's always inspiring to see the next generation of fish culturists.

There were several site visits to the Freshwater Institute, Albert Powell Hatchery in Maryland, and the USDA research lab in Leetown, West Virginia. One of my favorite visits was to the Harrison Lake National Fish Hatchery in Virginia. Harrison NFH was built in 1934 during the days of farm pond stocking. It was primarily used for rearing bass and other species for distributions to private landowners. These days, that program has sun-setted, and the biologists are on the cutting edge of mussel culture. Not knowing much about mussels, the floating rafts of fish baskets, aerators, and dock supports were really intriguing.

Harrison Lake produces millions of native mussel glochidia on a shoestring budget and ingenuity. It truly is that necessity breeds innovation. I'm hoping we can use a similar approach as we invest millions into LSRCP - keep stretching our imaginations and let's turn millions of greenbacks into salmon backs!



FLOATING MUSSEL CAGES



HOST FISH TANKS FOR GLOCHIDIA





# REBECCA CROY SBT

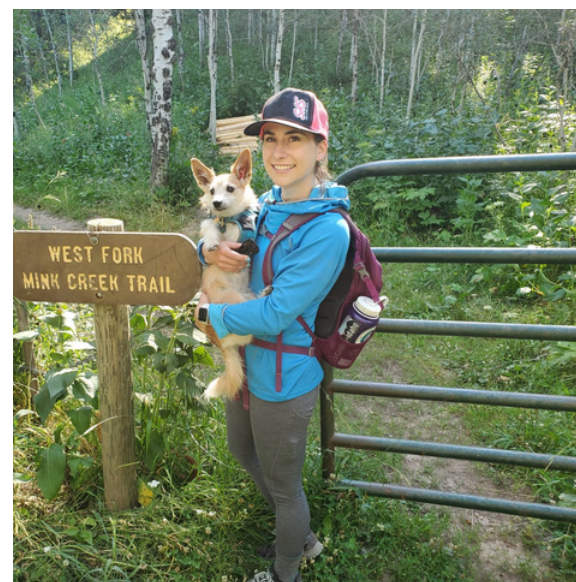
## **Rebecca Croy, Project Leader, Shoshone-Bannock Tribe**

Rebecca grew up in western Oregon and Washington with most of her time spent in Albany, Oregon. In 2015, she graduated from Gonzaga University with a B.A. in Environmental Studies and Psychology. On graduation day, Rebecca decided to skip the cap and gown and instead opted to catch a one-way flight to Idaho where she has been working ever since.

As a Conservation Technician with the SCA Idaho Americorps Program, Rebecca partnered with the Shoshone-Bannock Tribes for fisheries work and by the end of the program, the Tribes hired her to implement Chinook salmon recovery in Panther Creek, Idaho. After four years of Chinook supplementation and monitoring in Panther Creek, Rebecca switched gears to manage the Tribes' Chinook Harvest program, monitor the natural Bear Valley Creek Chinook population, and assist in Sockeye recovery in the Sawtooth Basin. Today, she is working toward her M.S. in Biology at Idaho State University under Dr. Bruce Finney. Together, they are researching Snake River Sockeye distribution patterns in the Pacific Ocean.

When she's not working or studying, Rebecca is an active member in Mdamen (Citizen Potawatomi Nation's Leadership Program) and ISU's Native American Student Council. In her spare time, Rebecca enjoys reading, running, rock climbing, hiking, and traveling with her husband and dog. She is passionate about the conservation of endangered species, combating climate change, and maintaining indigenous rights, cultures, and languages.

-Rebecca





# DYLAN MCGARRY IDFG



## Dylan McGarry, McCall Assistant Hatchery Manager

I grew up in North Canaan, Connecticut spending most of my time fishing and exploring the local rivers. This interest in fishing drove me to going to get a bachelor's degree in Fisheries and Aquaculture at SUNY Cobleskill. I've worked as a seasonal and full time for IDFG for the last six years. This included stops at Clearwater, Hagerman National, and Niagara Springs before ending up at McCall. I would say my biggest accomplishment is growing as a professional to get where I am today. My favorite part of fish for the future is knowing that all the hard work we put in results in smiles on people's faces catching these amazing fish.

-Dylan

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“Don't find fault,  
find a remedy;  
anyone can  
complain.”

-Henry Ford

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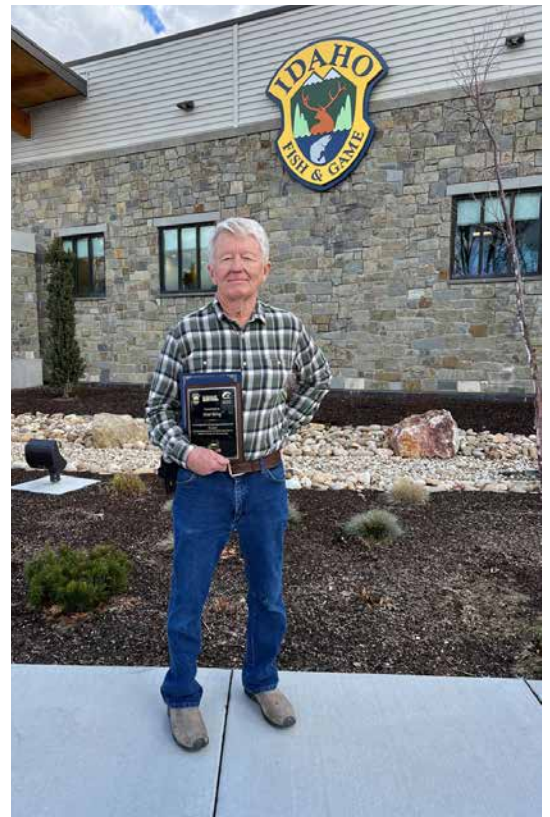




### **Niel Ring, Niel Ring Trucking, Retired**

Each spring for the past forty years Niel Ring trucks could be seen driving Idaho's highways and backroads pulling tanker loads of fish. No matter the ask, Niel was always willing to assist whether it was hauling Rainbow Trout from Hagerman Fish Hatchery to Northern Idaho, steelhead from Magic Valley Fish Hatchery to the Upper Salmon River, Chinook Salmon from Sawtooth Fish Hatchery to the Yankee Fork River, Sockeye Salmon from Springfield Hatchery to Redfish Lake Creek, steelhead from Niagara Springs Fish Hatchery to Hells Canyon, Coho from Eagle Creek to the Clearwater River or moving marking trailers between hatcheries in Southern Idaho. I have estimated that Niel's trucks have logged well over 2.2 million miles and have transported over 167 million fish in the past forty years!

Happy Trails in retirement Niel. Thanks for everything you did for Fish for the Future!



167 MILLION Fish  
Stocked

2.2 MILLION Miles

-Neil Ring

