



LOWER SNAKE RIVER COMPENSATION PLAN



FISH FOR THE FUTURE

MATT HOW GRAPHIC - USFWS



YANKEE FORK ACCLIMATION, SBT PHOTO

Lower Snake River Compensation Plan

FISH FOR THE FUTURE



COORDINATOR SACORNERA

We joined a longtime friend in March for a birthday celebration at the Idaho Steelhead's game. Growing up in northern Wisconsin, hockey has always been a sport I've enjoyed. And, watching a steelhead get flopped on the ice after the first goal was an added bonus.

We also survived the Oregon Trail 3-day challenge with our fourth grader. To get an idea of how easy life is now, we did 3 days of no showers, sleeping outside, same clothes, and only eating "natural" foods. I lost the family vote to actually sleep on the trail, so we staged in the backyard.

I'm glad we still have salmon and steelhead and hockey teams that celebrate them. But, these fish have a lot longer legacy than hockey or the Oregon Trail. It's our job to recognize that legacy and continually find ways to connect people to why it's important.

I really enjoyed Lautiss Shebala's, NPT, quote that she enjoys seeing **OUR** fish make a difference for future generations. She's spot on. This is our legacy pass salmon and steelhead on to the future.

Ryan Hagerty, National Conservation Training Center, will be at Dworshak National Fish Hatchery in April to capture images for the 3rd Edition of the Fish Hatchery Management textbook. We expect to see him back out later in the summer to tour more LSRCP facilities. Jesse Trushenski has taken over the Editor role for the project and you'll likely start hearing more through the AFS Fish Culture section soon.

Lastly, it's with a heavy heart that this newsletter concludes with the passing of Wayne Crue, SBT. I'm at a loss for words there.....

Stay safe and be well! - Nate

.....
A generation
which
ignores
history has
no past and
no future....
.....



RYAN HAGERTY IN ACTION AT NCTC

YANKEE FORK ACCLIMATION

YANKEE FORK ACCLIMATION POND SERIES #1

The Shoshone Bannock Tribe and Idaho Fish and Game coordinated spring Chinook smolt releases into the Yankee Fork Pond Series #1 acclimation ponds on March 17th, 2022. Historically, releases from Yankee Fork haven't homed back well. Rather, they swim past the Yankee Fork/Salmon River confluence and are trapped at the Sawtooth Fish Hatchery weir about 19 miles upriver.

To improve homing, the SBT staff have proposed longer acclimation times (3-4 weeks), but winter and ice conditions have usually precluded stocking early. This Spring, SBT staff installed a 1 hp Higdon ice eater powered by a portable generator to open the pond early (<https://ads.midwayusa.com/product/1015942410>). The results were impressive. Within 24 hours, a significant portion of Pond Series #1 was opened. However, the pond re-froze quickly after the equipment was shut off.

Sawtooth Fish Hatchery and SBT staff worked all hours of March 17th to ensure the pond was ice free and 150,000 smolts were moved in on multiple truck trips. Unfortunately, some smolts were injured by the ice eater equipment - it doesn't mix with high densities of acclimating fish. A lesson learned for next time.

Nice work SBT and Sawtooth staff to make this happen!



HIGDON ICE EATER



24 HRS AFTER INSTALL OF ICE EATER



LAPWAI CREEK RELEASE

NPT TRANSPORT AT SWEETWATER CREEK

In early March, the Clearwater River experienced a significant runoff event. The subsequent debris and turbidity caused multiple issues at Nez Perce Tribal Hatchery to keep intakes operating and water flowing to smolts. As such, the decision was made to release two groups of Chinook smolts early (target March 24-25) including the "Lapwai Creek" group that is funded by LSRCF.

Nez Perce Tribe Department of Fisheries Resources Management (DFRM) released spring Chinook salmon smolts into Sweetwater Creek for the first time on March 9th. Spring Chinook have not been found in Sweetwater Creek, nor the connecting Lapwai Creek, for close to a century. Nice work NPTH staff for quick action to take tragedy to success!

LEWISTON TRIBUNE

It's THURSDAY, MARCH 10, 2022

INLAND 360:
NEZ PERCE MODEL CELILO MILES STEPS INTO THE SPOTLIGHT

FIVE SECTIONS WEATHER, PAGE A41 48° 52° THE REGION'S INDEPENDENT NEWS SOURCE SINCE 1892 ONE DOLLAR

RELEASING THE SALMON

House OKs \$13.6B for Ukraine in massive spending bill

Aid includes \$6.5B for U.S. costs of sending troops, weapons to Eastern Europe and equipping allied forces

WASHINGTON, D.C. — The House approved a massive spending bill Wednesday night that would send \$13.6 billion in U.S. aid to battered Ukraine and its European allies, after top Democrats were forced to abruptly drop their plan to include fresh funds to battle COVID-19.

Members of the Nez Perce Tribe watch as thousands of juvenile spring chinook are released on Wednesday into Sweetwater Creek near Webb Road.

Juvenile spring chinook are back

Young fish released in Sweetwater, Lapwai creeks for first time in nearly a century

By ERIC BARKER of the Tribune

Juvenile spring chinook are swimming in Sweetwater and Lapwai creeks on the Nez Perce Reservation for the first time in nearly a century. Soon the young fish, released by the Nez Perce Tribe on Wednesday, will begin their migration to the Pacific Ocean and within two years some of them can be expected to return as adults and provide fishing opportunity to tribal and nontribal anglers, broodstock for future hatchery production and some natural spawning as well.

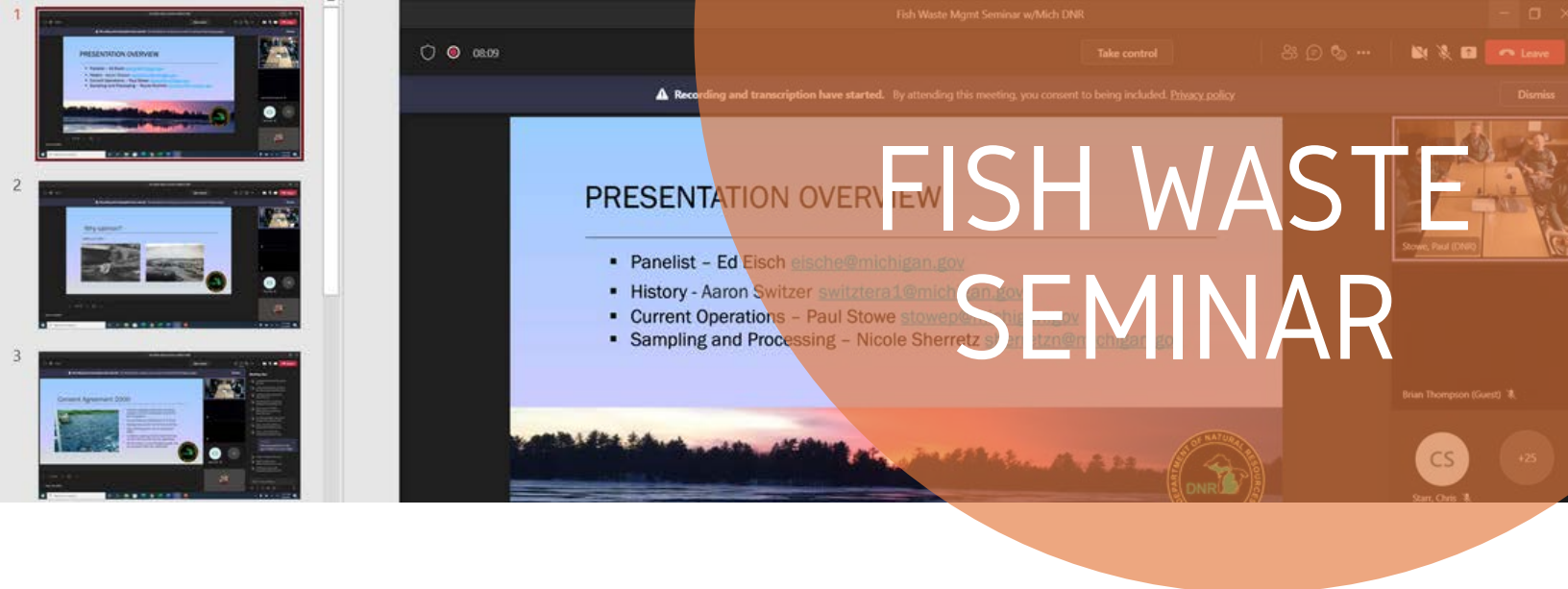
The roughly 200,000 smolts were produced at Dworshak National Fish Hatchery and raised at the Nez Perce Tribal Hatchery under the Lower Snake River Mitigation program that was established to replace salmon killed by the four federal dams between Lewiston and the Tri-Cities. The release was made possible by years of cooperative work between the tribe, the Lewiston Orchards Irrigation District and the U.S. Bureau of Reclamation that has turned Sweetwater Creek in particular into a more hospitable environment for fish. Since its inception in the early 1960s, the irrigation district has tapped the headwaters of Webb, Sweetwater and other creeks on Craig Mountain south of Lewiston and delivered water used to irrigate pastures, orchards and now mostly lawns in the Lewiston Orchards.

But it also meant the creek, home to Endangered Species Act protected fish like steelhead, ran low and hot in the summer months. In 2010, the tribe and multiple federal agencies seeking to return water to the creeks. Negotiations between the parties and other stakeholders yielded a settlement centered on drilling a series of deep

See CHINOOK, Page 1A



CHINOOK SMOLTS, NPT PHOTO

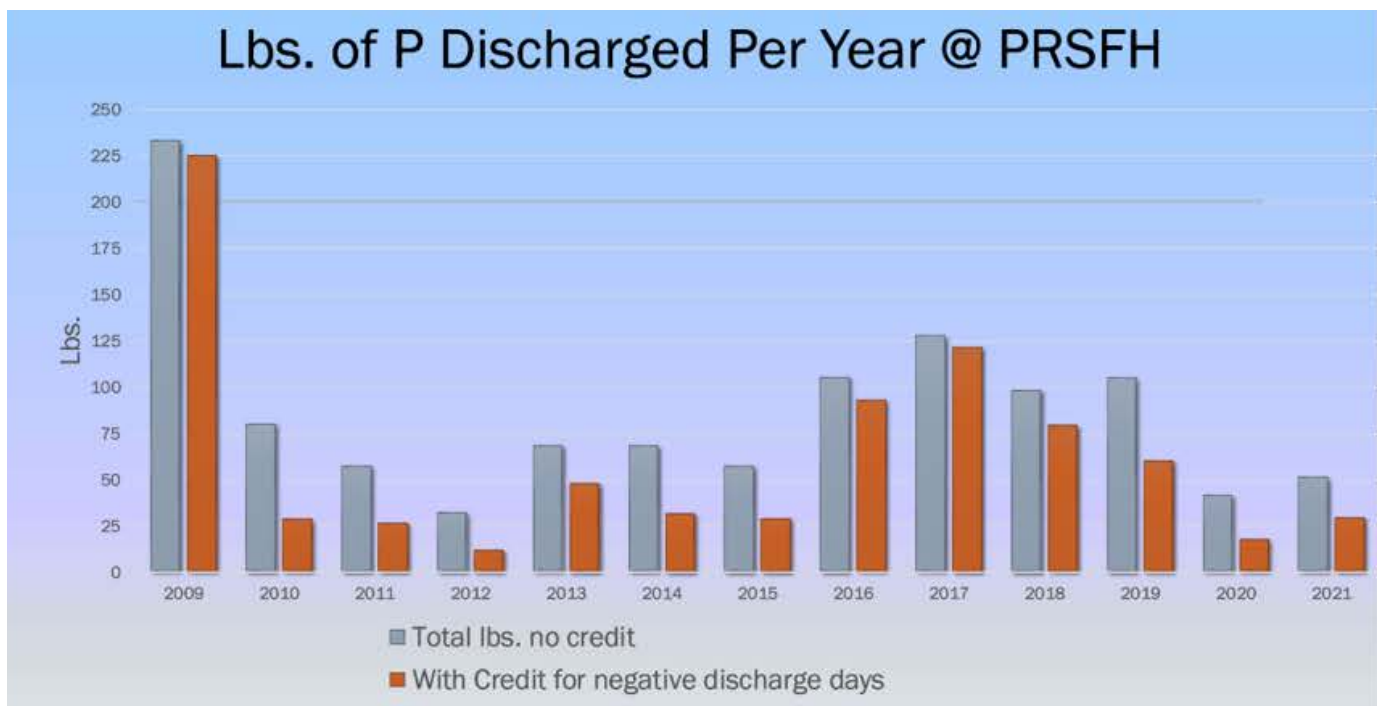


Staff with the Michigan DNR put together a Fish Waste Seminar hosted by LSRCP. The meeting highlighted work at the Platte River State Fish Hatchery to reduce phosphorus discharge. Overview of Platte River:

- 150,000 lbs of feed annually (Low Phosphorus at 0.84% vs 1.6% normal)
- 1260 lbs phosphorus generated
- 90 lbs average phosphorus discharged
- Low phosphorus feed started at 1.2mm
- \$8K annually in FeCl costs and 6 ac settling pond

As all our facilities continue their NPDES permits, strategies utilized by Michigan: baffles, auto quiescent zone pumping, drum filtration, clarifier and FeCl addition, and final settling may all be options to consider. Seminar is recorded at:

<https://drive.google.com/file/d/1oEkbDYOYW9Elua7jjCnGN2fJIPU5PHmC/view>

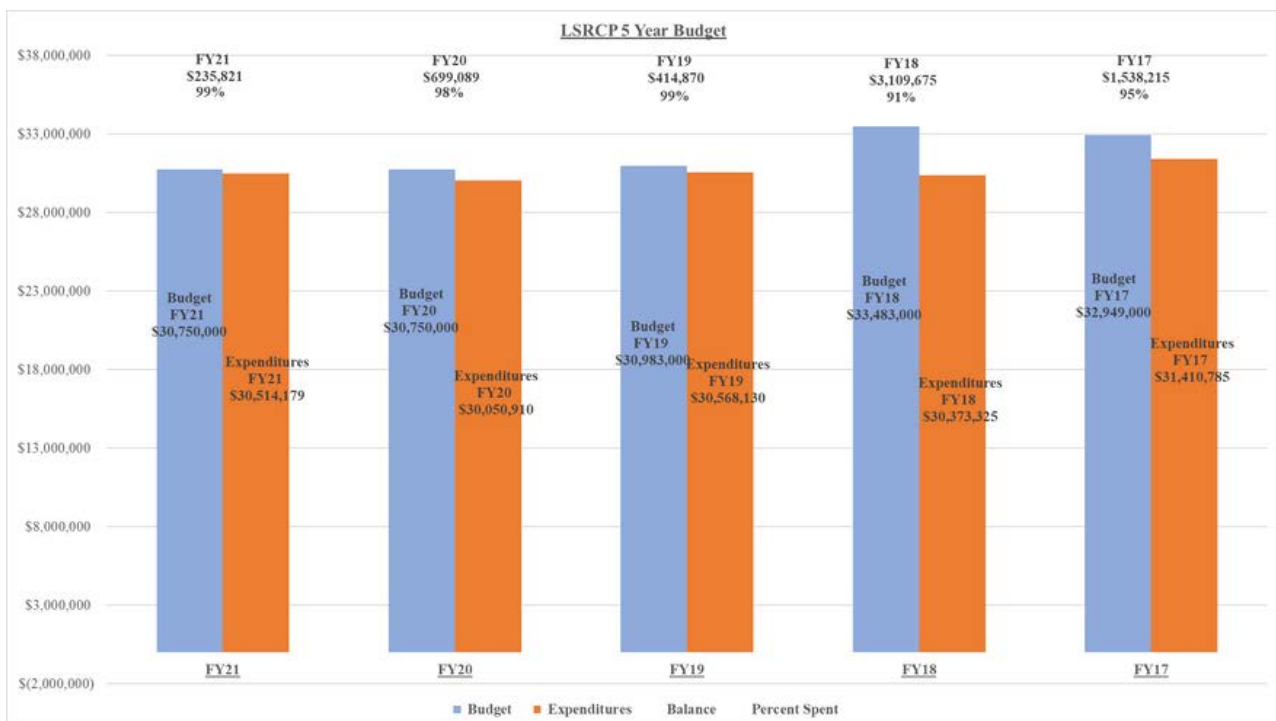


BUDGET EXPENDITURES

MAIN SPRING, HAGERMAN NATIONAL FISH HATCHERY

CTUIR	\$ 270,752.00	\$ 269,161.75	\$ 1,590.25	99.4%
IDFG	\$ 8,875,647.00	\$ 8,875,647.00	\$ -	100.0%
NPT	\$ 2,175,386.71	\$ 2,148,419.71	\$ 26,967.00	98.8%
ODFW	\$ 5,042,188.00	\$ 5,015,700.57	\$ 26,487.43	99.5%
SBT	\$ 601,592.00	\$ 548,544.78	\$ 53,047.22	91.2%
WDFW	\$ 4,011,596.00	\$ 3,955,278.78	\$ 56,317.22	98.6%
PSMFC	\$ 731,325.00	\$ 725,205.79	\$ 6,119.21	99.2%
USFWS	\$ 9,041,513.29	\$ 8,976,220.95	\$ 65,292.34	99.3%
Total	\$ 30,750,000.00	\$ 30,514,179.33	\$ 235,820.67	99.2%

LSRCP ended Fiscal Year 21 with a 99.2% expenditure rate. The remaining 0.08% was shifted to Coded Wire Tag expenditures that annually cost about \$500,000. That will effectively put FY21 at 100% expended. So, nice work to everyone executing budgets and for enduring years of flat funding. We know it takes individuals on the ground pulling extra shifts for vacancies, straightening nails, and making tough decisions to make this happen. Thank you! Expenditure rates at 99% illustrate exactly the program message that additional resources are needed to reach the LSRCP mitigation goals. And, mid-year reviews are coming up fast - please start taking a hard look at extra needs or surplus that could help someone else out.



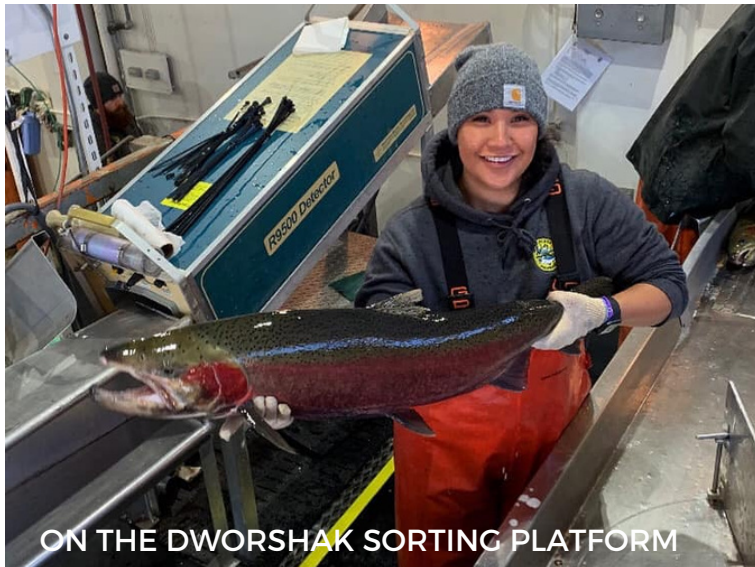
LAUTISS SHEBALA NPT

LAUTISS SHEBALA, DWORSHAK NATIONAL FISH HATCHERY

Lautiss Shebala, Nez Perce Fish Biologist, Dworshak National Fish Hatchery

Lautiss Shebala is from Kooskia, Idaho and has worked for the Nez Perce Tribe for 5 years. She started in 2017 as a Fisheries Technician and was promoted a biologist in 2018 at Dworshak National Fish Hatchery. Lautiss see's her biggest accomplishment so far as raising and releasing two Chinook brood years successfully and completing both her Bachelors and Masters degrees from the University of Idaho while working full time at Dworshak National Fish Hatchery. Her favorite part of Fish for the Future is the collaboration of multiple entities working together to revitalize and support our fish for future generations. We're sure glad you're on **OUR** Fish for the Future team, Lautiss!

**WORKING TOGETHER TO
REVITALIZE AND SUPPORT
OUR FISH FOR FUTURE
GENERATIONS
- LAUTISS SHEBALA**



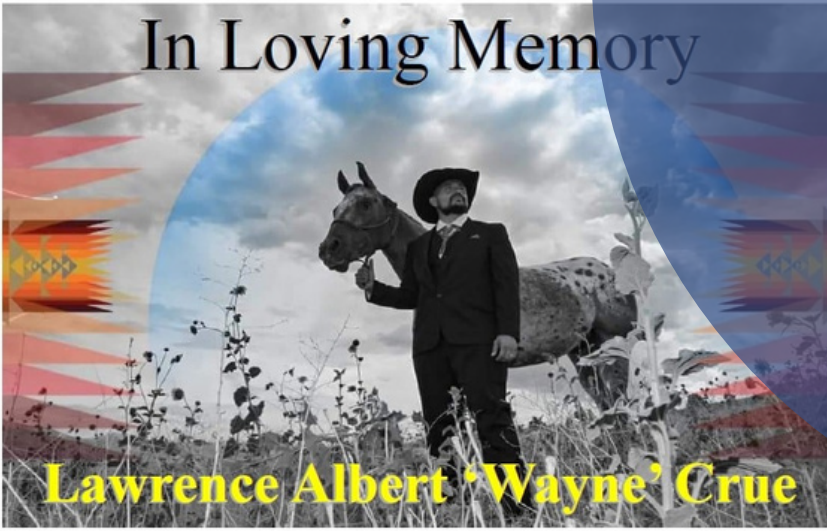
ON THE DWORSHAK SORTING PLATFORM



LAUTISS WITH A CHINOOK

In Loving Memory

IN MEMORIUM WAYNE CRUE SBT



Wayne Crue, Shoshone-Bannock Tribe

Lawrence Albert (Wayne) Crue, "Qwahadee" (Antelope) beloved husband, father, son, brother, and friend to many, passed into the spirit world and began his journey to the ancestors on March 26, 2022 at the age of 34.

Wayne loved the outdoors of Idaho, hunting, fishing, and camping. He was an Aqua-culturist biologist and worked for the Shoshone-Bannock Tribes Fish & Wildlife department and believed in protecting Treaty Rights and the pristine lands and waters of Idaho. His energy, his spirit, and place in the Tribes will be greatly missed.

He also enjoyed dancing, he was a champion grass dancer, and had won a championship at the largest powwow in North America. He was well known by many in the various powwow circuits throughout the United States and Canada. From there, he also supported dance troupes organized to present to the public.

A LIFE THAT TOUCHES OTHERS GOES ON FOREVER.....

