

LOWER SNAKE RIVER
COMPENSATION PLAN

FISH FOR THE FUTURE



MATT MOW GRAPHIC - USFWS



SOUTH FORK SPRING CHINOOK

WHAT'S BEEN HAPPENING IN LSRCP

AUGUST - SEP 2020

Lower Snake River Compensation Plan

FISH FOR THE FUTURE

COORDINATOR'S CORNER



As I pen this column, It's the start of my seventh week working for all of you within the Lower Snake River Compensation Plan program. So far, I've been amazed at the work we do and your passion for the resource.

I'm in listen and learn mode. I've been fortunate to visit some of you already, but COVID realities have hampered plans at every turn. For hosts, thank you!! You've hopefully not tired of my questions yet, as I try to learn as quickly as possible.

Adult numbers aren't where we want them.....and it sure isn't for lack of trying. Leading the dismay are the Spring/Summer Chinook targets. Hats off to all of you, and especially Dworshak and Clearwater facilities that are now churning out 50% of all SCS smolts annually - over 5 million! That is a lot of smolts, but smolts alone aren't going to get us there. We'll have to keep trying things outside the box to get to the next level and I'm counting on all of you to find those opportunities! It isn't where you came from, its where you are going that counts.

Please take care of yourselves. We're still in uncharted pandemic waters as our rural areas start to catch the urban population centers. I really appreciate those of you that have been towing the day to day while us magical administrators sell our sob challenges of "tele-vacation". Believe me, I didn't leave the field that long ago - thanks for keeping us all afloat!

Stay safe and have fun out there!

Nate

It isn't where you came from, it's where you're going that counts.....



A SNAKE RIVER STURGEON WITH HARLEY (10), EMY (8) AND JETTA (15)

BUDGET CORNER



There aren't too many things that get fish peeps fired up, but Budgets are probably right up there. Here's the report card for FY2020 closing on September 30, 2020:

LSRCP Program expenditures (no accruals) - Sep 30, 2020

| Program | FY 20 Budget | FY20 Expenditures | Percent Expended |
|--------------|----------------------|----------------------|------------------|
| IDFG | \$ 8,763,879 | \$ 6,555,918 | 75% |
| NPT | \$ 2,046,051 | \$ 1,607,430 | 79% |
| USFWS | \$ 10,061,366 | \$ 8,028,762 | 80% |
| CTUIR | \$ 248,303 | \$ 207,353 | 84% |
| WDFW | \$ 4,064,406 | \$ 3,409,773 | 84% |
| ODFW | \$ 4,964,403 | \$ 4,508,788 | 91% |
| SBT | \$ 601,592 | \$ 564,552 | 94% |
| | \$ 30,750,000 | \$ 24,882,577 | 81% |



So what does this mean? Basically, in BPA/USFWS accounting practices, we've "invoiced" 81% of the expected 2020 budget at the Fiscal Year close of September 30th. That doesn't account for expenditures not yet invoiced. Those expenditures are called "Accruals".....and likely also include your paycheck for the month of September. 😊

Within 90-days, our goal is, invoice the remaining resources to 98% of the budget targets. Any dollars left unspent are then taken into consideration while setting the next Fiscal Year budget targets - i.e. we administered the program more efficiently than we expected. So, great job Shoshone-Bannock Tribe - you're only 4% from the target! Next year, we'll target the LSRCP program to 90% at Sep 30, so our accruals stretch to the 98% target.

Budgets.....Where 98% is just the passing grade.....



WHAT DOES A FISH COST?



IMNAHA SPRING CHINOOK CARCASS

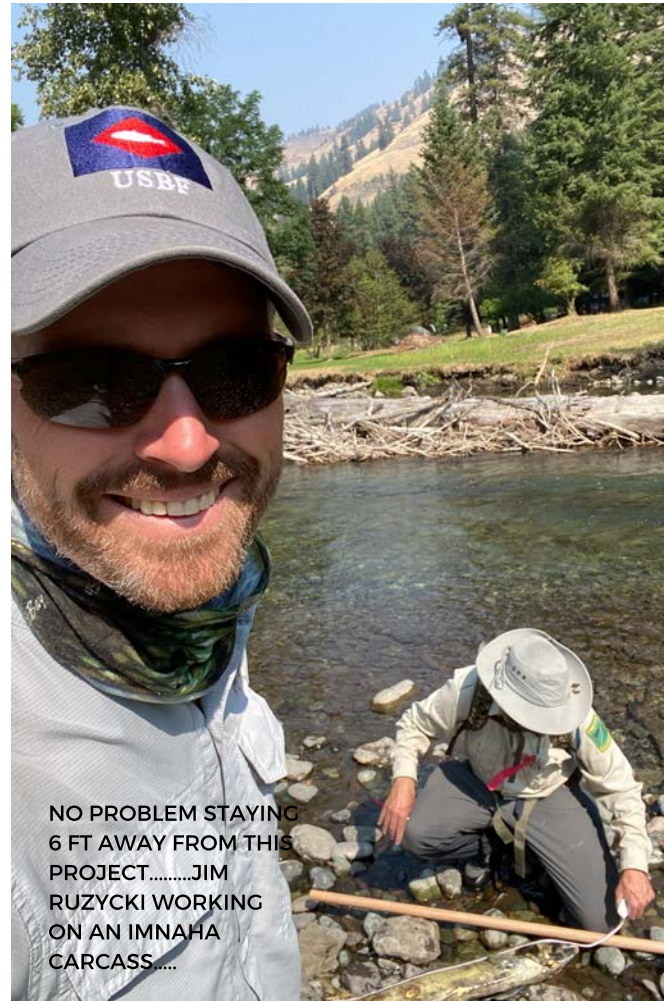
A Lot!

If we look at the total LSRCP budget and assign it to adults returning to the basin, costs readily shoot in the hundreds of dollars. Don't worry, the more adults we return, the lower the cost/adult goes!

This is a simplified way to look at our budgeting - all work we do is attached to returning adult fish. And, the table is assigned by hatchery, but "direct production costs" are about 35% of total LSRCP costs. We're all in this together, and everything we do should focus on influencing returns.

LSRCP Cost per adult returned in FY20 budget dollars

| | <u>FCS</u> <u>S/Adult</u> | <u>SCS</u> <u>S/Adult</u> | <u>STT</u> <u>S/Adult</u> |
|----------------|------------------------------|------------------------------|------------------------------|
| McCall | | \$ 196 | |
| Dworshak | | \$ 352 | |
| Lookingglass | | \$ 511 | |
| Clearwater | | \$ 562 | \$ 225 |
| Sawtooth | | \$ 713 | |
| Lyons Ferry | \$ 119 | \$ 869 | \$ 241 |
| Hagerman | | | \$ 129 |
| Magic Valley | | | \$ 153 |
| Irrigon | | | \$ 228 |
| Average | \$ 119 | \$ 534 | \$ 195 |



NO PROBLEM STAYING 6 FT AWAY FROM THIS PROJECT.....JIM RUZYCKI WORKING ON AN IMNAHA CARCASS.....



JIM RUZYCKI BEFORE THE CRASH.....

SPRING CHINOOK

SOUTH FORK WEIR

The LSRCP program is committed to meeting adult mitigation targets into the project area. Those are 18,300 fall Chinook, 55,100 steelhead, and 58,700 spring/summer chinook. And, add almost 30% for downriver Chinook harvest. Despite historic success in fall Chinook and steelhead, the spring/summer adult Chinook targets are almost never met, and we average 50% of the return goal.

The early discussions of the reciprocal study, Hagerman PRAS, size at release comparisons, release timing, etc., show our commitment to finding program efficiencies and solutions towards adult targets. We certainly added a lot of smolt capacity in the past decade, but it hasn't always returned what we hoped. And, with budgets tight, we'll have to keep looking for bright spots to invest/prioritize into the future.

Spring/Summer Chinook in LSRCP Program, 2004-2017

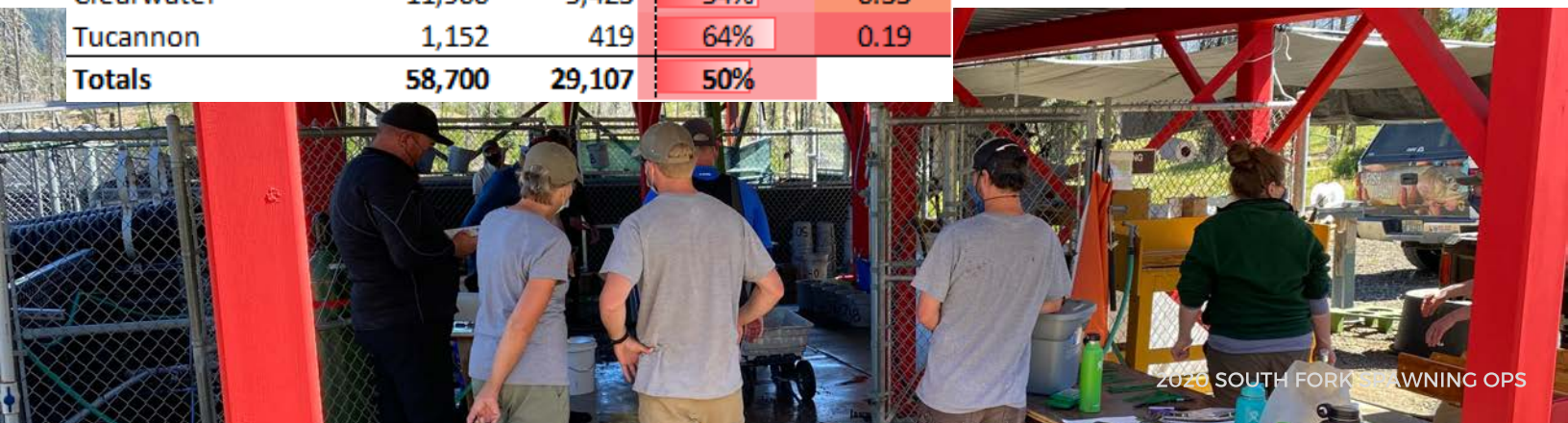
| Program | Goal | 2004-2017 | | |
|-------------------|---------------|---------------|------------|---------|
| | | Returns | Unmet (%) | SAS (%) |
| Lostine River | 1,654 | 1,778 | -7% | 1.13 |
| Imnaha | 3,210 | 2,982 | 7% | 1.1 |
| McCall | 8,000 | 7,436 | 7% | 0.88 |
| Lookinglass Creek | 1,617 | 821 | 49% | 0.75 |
| Grand Ronde | 1,617 | 825 | 49% | 0.62 |
| Dworshak | 9,135 | 5,697 | 38% | 0.58 |
| Catherine Creek | 970 | 508 | 48% | 0.56 |
| Sawtooth | 19,445 | 3,218 | 83% | 0.34 |
| Clearwater | 11,900 | 5,423 | 54% | 0.33 |
| Tucannon | 1,152 | 419 | 64% | 0.19 |
| Totals | 58,700 | 29,107 | 50% | |



YANKEE FORK ADULT

SUCCESS IS THE ABILITY TO GO FROM ONE FAILURE TO THE NEXT WITH NO LOSS OF ENTHUSIASM

-WINSTON CHURCHILL



2020 SOUTH FORK SPAWNING OPS

RELEASE TIME MATTERS



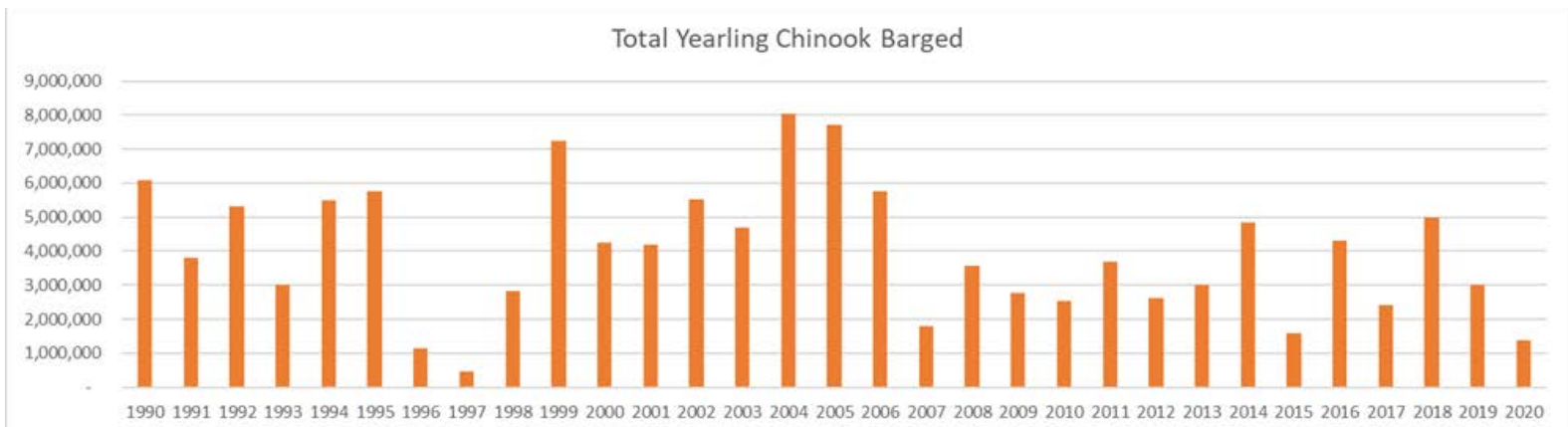
As spill/transport regimes have changed for overall system benefit, the effect on spring/summer chinook can be significant. Transportation was recently moved back up into the last week of April, but prior to that, transportation didn't start until May 1st over the past decade. If fish are released too early, there is no opportunity for transport operations around the remaining dams and away from predation.



SCS Transport/Bypass experiment - Data from FPC 2019 page A-65

| Year | Transport Adults | SAR | Bypass | Adults | SAR | |
|------------|------------------|-------------|--------------|---------------|------------|--------------|
| 2007 | 29689 | 205 | 0.69% | 60644 | 119 | 0.20% |
| 2008 | 38672 | 585 | 1.51% | 59047 | 221 | 0.37% |
| 2009 | 14074 | 202 | 1.44% | 59548 | 130 | 0.22% |
| 2010 | 11708 | 71 | 0.61% | 64784 | 101 | 0.16% |
| 2011 | 12119 | 29 | 0.24% | 15933 | 11 | 0.07% |
| 2012 | 12763 | 80 | 0.63% | 16659 | 42 | 0.25% |
| 2013 | 12734 | 147 | 1.15% | 4516 | 10 | 0.22% |
| 2014 | 9423 | 22 | 0.23% | 17935 | 20 | 0.11% |
| 2015 | 5067 | 8 | 0.16% | 5372 | 1 | 0.02% |
| Sum | 146249 | 1349 | 0.92% | 304438 | 655 | 0.22% |

POLE FLAT WEIR
TELLING THE TOUGH
STORY OF 2020



LSRCP STAFF

YANKEE FORK GOLD DREDGE

EMPLOYEE SPOTLIGHT - ANNA COPELAND

Anna Copeland has been with the USFWS for just shy of 20 years. In that time, she's procured PIT Tags to Kitchen sinks, and everything in-between. She's currently looking at the entire LSRCP vehicle and equipment fleet to find efficiencies between buying and leasing while navigating the numerous guidance policies we all have to follow. When not supporting more Fish for the Future, Anna enjoys fishing with her father, husband Bill, and waterfowl hunting. Thanks for the great work!



ANNA AND BILL COPELAND



ANNA'S DAD WITH A CASCADE LUNCHEONER

PROCUREMENT SPECIALIST.....

**SOMEONE WHO COMPLETES
PRECISION GUESSWORK WITH
UNRELIABLE DATA FROM
THOSE WITH QUESTIONABLE
KNOWLEDGE**

LSRCP Staff

Nate Wiese - *Coordinator*
Anna Copeland - *Procurement Specialist*
Brian Delvin - *Budget Analyst*
Chris Starr - *Asset Coordinator*
Mark Robertson - *ESA Coordinator*
Rod Engle - *Science Coordinator*