StreamNet Steering Committee Meeting

Thursday, March 3, 2022
9:00 AM – 12:30 PM (PDT)

Microsoft Teams meeting : Click here to join the meeting
Or call in (audio only): +1 207-387-0436,,688157333#
Phone Conference ID: 688 157 333#

Welcome and Introductions

Please leave web cameras on to facilitate discussion

All participants, please use the chat to introduce yourself (name and affiliation)

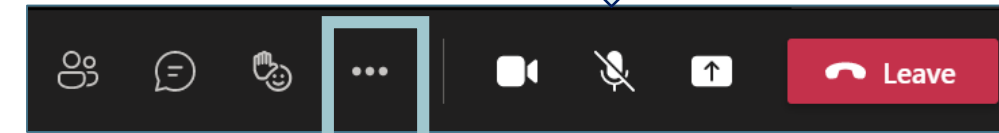## Welcome to newer participants/members

(unmute and introduce yourself in below order)

- Lara Erikson, PSMFC Program Manager assisting StreamNet

- Todd Gilmore, USFWS representative on steering committee
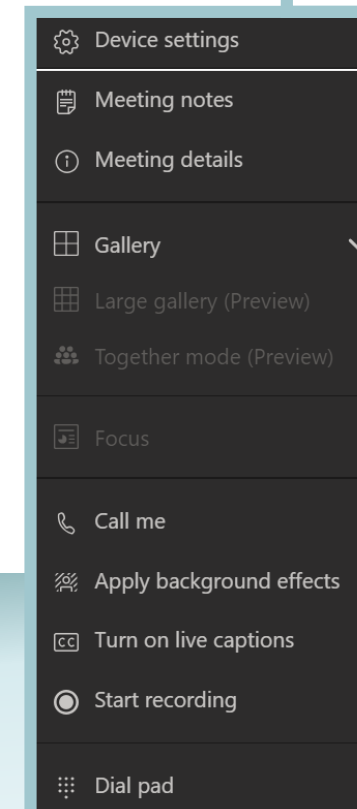
- Kurt Tardy, Shoshone-Bannock Tribes

Please mute yourself when not speaking.
Use *6 to mute phone audio.
Use the microphone icon on the control bar to mute computer audio.

Leave

Device settings

Meeting notes

Meeting details

Gallery

Large gallery (Preview)

Together mode (Preview)

Focus

Call me

Apply background effects

Turn on live captions

Start recording

Dial pad

Check device settings if you are having problems with audio/video

StreamNet

www.streamnet.org

Agenda
(times are approximate)

9:00	Welcome and introductions
9:15	Updates, Announcement and Partner Spotlights
10:15	Update on HCAX upcoming March 11th workshop
10:25	Status of SN ExCom September 2022 recommendation decision
10:35	2-minute updates on FMWG Task Groups related to StreamNet
10:45	Stretch Break
11:00	Check in on NPCC Program Tracker SPI Data Needs
11:10	Brainstorming opportunities with other regional systems
11:30	Ongoing StreamNet tasks and deadlines
NOON	StreamNet Technical Team updates
12:20	Next Meeting
12:30	Adjourn

Updates, Announcements, and Spotlights

IDFG: Angie Schmidt
and Evan Brown with
Chris Harrington for Spotlight

ODFW: Cedric Cooney

CRITFC: Denise Kelsey

CRITFC Library: Tami Wilkerson

USFWS: Todd Gilmore

MFWP: Dawn Anderson

WDFW: Brodie Cox
and Ben Warren for Spotlight

Shoshone-Bannock Tribes: Kurt Tardy
and Rebecca Croy for spotlight

Colville Tribes: John Arterburn, George Batten

NPCC: Kris Homel

BPA: Russell Scranton, Matthew Schwartz, Tom Pansky

NOAA: Mari Williams

PNAMP: Jen Bayer

StreamNet: Nancy, Greg, Mike, Van

Update: Hatchery indicators Coordinated Assessments eXchange (HCAX)

Brodie Cox (WDFW) and CAP Core team

- **_Completed Phase 1, 2021_**: HCAX Biologist Work Group
  - HCAX Controlled Vocabulary_v1.0 available on HCAX project page PNAMP.org (field-names, definitions, info for standardized pick-lists)

- **_Initiated Phase 2, 2022_**: Data Managers Work Group
  - Jan 2022, ad hoc data team identified
    - Subset of data manager work group and/or representatives and CAP DDT members
    - USFWS and MFWP to facilitate flow of potential resident hatchery fish metrics.
  - Feb 9, ad hoc Data Team met to review DES tasks
  - March 2, 2020 ad hoc Data Team check-in develop data sharing rules and procedures (DES)
  - TBD, draft documents produced

- **_Next_**: completed draft DES documents will be reviewed by Data Managers Work Group

Status of SN ExCom Sept 2022 decisions on CAP Fish HLIs

Nancy Leonard

Task	CAP Fish HLIs map query	Draft CAP Fish HLIs tabular query
Provide additional filters (e.g. population name, HLI, pop fit, methods, compiled by)	----	Done
Remove 'non-trt' from pop names	Done	Done
Display partial population estimates (subpop) with whole population estimates; place whole estimate at top and differentiate clearly from partial	Pending	Done displayed on separate rows

Provide info on data availability for all populations without CAP Fish HLIs/related trends	• Completed draft of data availability March 2st
	• Next steps:
	  • Mock up the display for both queries
	  • Confirm populations missing GIS polygons
	  • Managers' review data info and assist with GIS polygons	

Separate out HLIs for different groupings (e.g. Multiple pop; MAFAC-NPCC groups)	Pending FWMG MAFAC NPCC SPI task group initiated	Done via filter Whole, Multiple, Partial. New groupings will be added

2 minute updates on FMWG Task Groups related to StreamNet

MAFAC and NPCC SPI

CAP DES Juvenile Outmigrant

Fish Population Names
and GIS Boundaries

Rotary Screw Trap
(RST) Data

Juvenile Density
(Snorkel & Electrofishing)
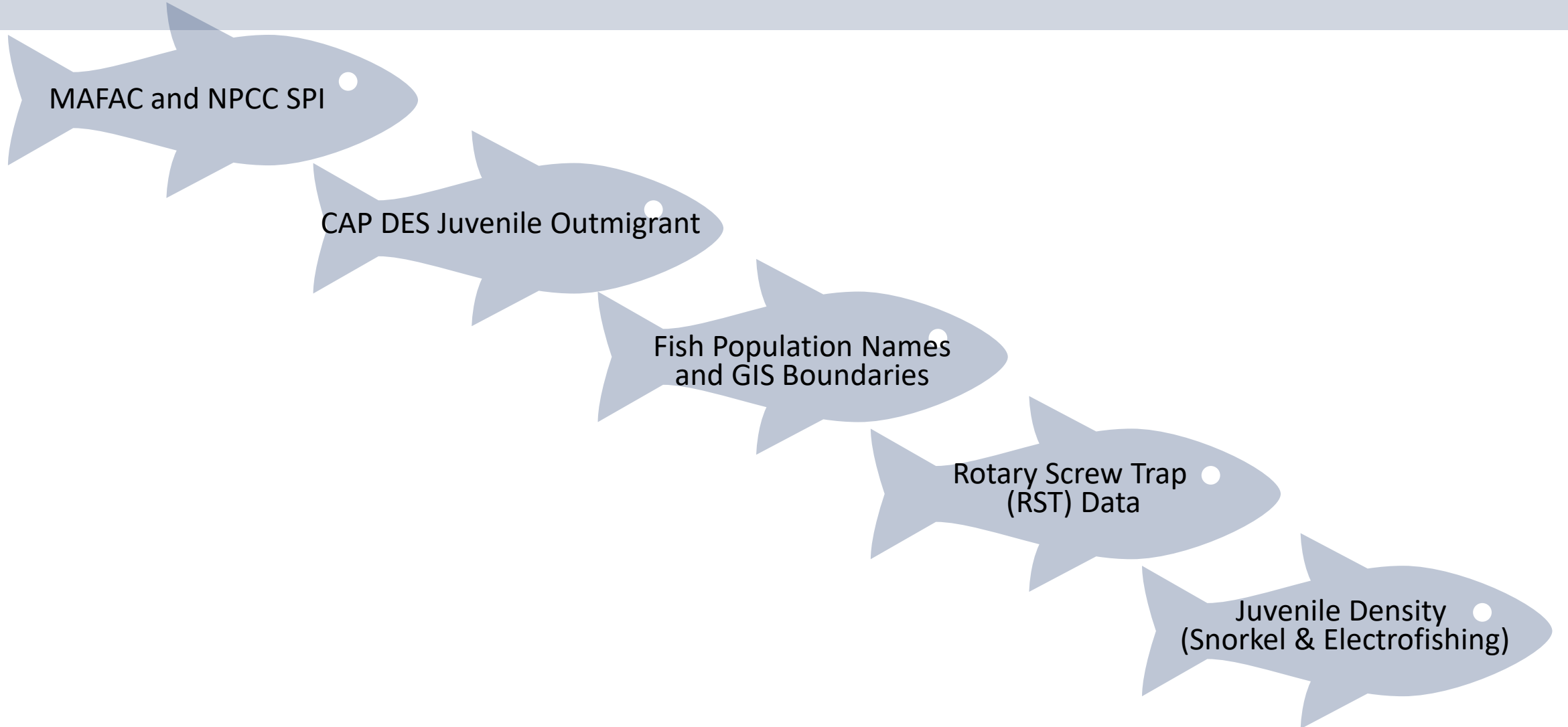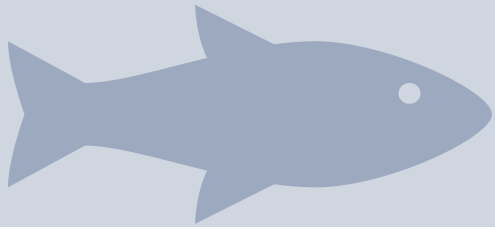
MAFAC and NPCC SPI

Task Team Leads:
Kris Homel
khomel@nwcouncil.org

Lara Erikson
lerikson@psmfc.org

Purpose: Using existing CAP Fish HLIs to inform adult abundance estimates for the groups identified by MAFAC and incorporated in NPCC's 2020 Addendum.

Products:

- Develop draft recommendations compatible with MAFAC and the NPCC Program Tracker process/approach.
- Deliver final recommendations to the StreamNet Executive Committee and NPCC Fish and Wildlife Division to inform new CAP Fish HLIs display option for existing CAP Fish HLIs supporting NPCC S1-3 reporting.

Next Steps: Task leads are identifying how many combinations of different types of population abundance data (including missing data) exist within each MAFAC grouping. Results of this effort will inform subsequent steps and scope of effort.

Future tasks include drafting summary options, discussing these with the task group, developing suggestions on how to display this information within the CAP Fish HLIs tools, and updating / engaging with Columbia Basin Collaborative on initiative effort.

Meeting: Doodle poll for meeting dates and invitation to join the task group membership will be sent out once data types are summarized.
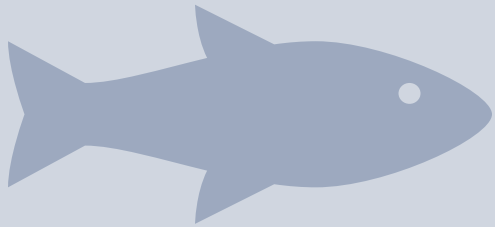
CAP DES Juvenile Outmigrant Refinement: Define Smolt Equivalent

Task Team Leads:
Mike Banach
mike_banach@psmfc.org

Russell Scranton
rwscranton@bpa.gov

Purpose:

Address DES issues identified that benefit from FMWG task group input. First two items to be addressed are:

1) Explain what "smolt equivalents" means

2) Decide if DES needs a field to classify outmigrant number's location relative to population boundary

Products: DES appendix and adjusted language in juvenile outmigrants table

Status: **Completed**. Recommendation from the FWMG improving the "smolt equivalent" and tightening up the "location" descriptions are being shared with the StreamNet Technical Team in February.

Meeting: First meeting was held November 23, 2021 (event page)

Next meeting will be scheduled later in 2022 and will address another item identified from the DES February 2021 survey (or other source) when it is ready for discussion.
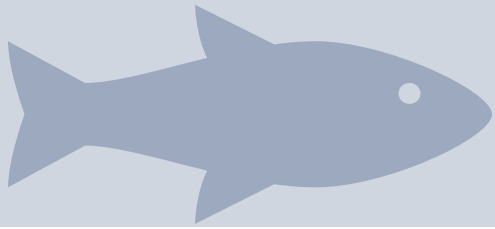
Fish Population Names and GIS Boundaries

Task Team Leads:
Van Hare
vhare@psmfc.org

Evan Brown
evan.brown@idfg.idaho.gov

Purpose: Defining Fish Population Names and Boundaries for StreamNet tools. This includes the focal fish species informing the NPCC Addendum goals, objectives and indicators (e.g., bull trout, white sturgeon, cutthroat trout, redband trout, kokanee) Note, this task supports ideas identified during 2019 Smolt Analytics workshop (create Standard GIS layers and fields).

Products: List of recommended population names and boundaries (polygons layer) to be used by StreamNet tools;

Use the USGS National Hydrography Dataset (NHD) Watershed Boundary Dataset (WBD)

Next Steps: Task leads are preparing a draft strawfish describing an approach that will be first applied to bull trout.

Meeting: Once strawfish is ready the task leads will convene the group using a doodle poll to select the meeting date.
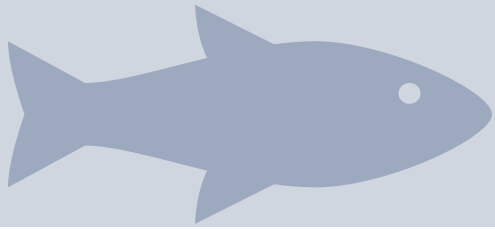
Rotary Screw Trap (RST) Data Collection Data Standards

Task Team Leads:

Polly Gibson (ODFW)
polly.p.gibson@odfw.oregon.gov

Kasey Bliesner (ODFW)
kasey.bliesner@odfw.oregon.gov

Russell Scranton (BPA)
rwscranton@bpa.gov

Marika Dobos (IDFG)
marika.dobos@idfg.idaho.gov

Purpose: This task is to engage regional biologist to discuss common data fields associated with RST operation that are required for analysis. The objective is to provide standard outputs for trap operation data, fish condition data, and abundance data (beyond what is shared with PTAGIS). This information should be framed such that it provides an output consumable for population analysis or site-specific questions. The data standard will reference population names, location and data provider standards from CAP DES.

Products:

- Data Standards for Site Operation Data; Fish Condition Data & Count/Abundance and efficiency

- Initial test on IDFG, ODFW data
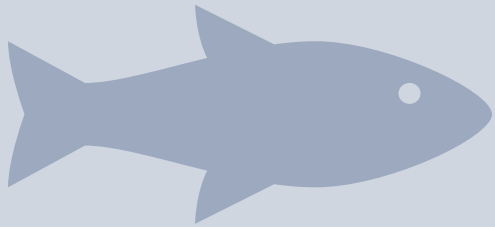
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polly.p.gibson@odfw.oregon.gov

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kasey.bliesner@odfw.oregon.gov

Russell Scranton (BPA)
rwscranton@bpa.gov

Marika Dobos (IDFG)
marika.dobos@idfg.idaho.gov

Meeting: First meeting February (link) complete by January 27
-Discuss data standard
-Find sticking points

Data Categories:
- Trap Site Information
- Trap Sample Event Information
- Individual Fish Information
- Trap Efficiency
- Mark and Tag Information
- Data Set Metadata
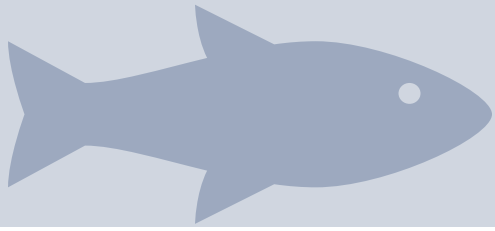
Juvenile Density Data Standards (Snorkel & Electrofishing)

Purpose: Develop and propose data standards and a DES for juvenile fish distribution/density data from snorkeling or electrofishing

Task Team Leads:
Kasey Bliesner (ODFW)
kasey.bliesner@odfw.oregon.gov

Russell Scranton (BPA)
rwscranton@bpa.gov

Marika Dobos (IDFG)
marika.dobos@idfg.idaho.gov

Products:

- Data standards and DES for Juvenile Distribution and Density Data

- Document on limitation and proper use

- Recommendations for data management and sharing systems

Juvenile Density Data Standards (Snorkel & Electrofishing)

Task Team Leads:
Kasey Bliesner (ODFW)
kasey.bliesner@odfw.oregon.gov

Russell Scranton (BPA)
rwscranton@bpa.gov

Marika Dobos (IDFG)
marika.dobos@idfg.idaho.gov

Meeting: First meeting February (link) complete by January 27
- Discuss data standard
- Find sticking points

Data Categories:
- Site/Reach Information
- Species Type Information
- Observed Count,
- Sample Unit Size

- Sample Event Information
- Abundance and Efficiency
  Estimated Abundance
- Data Set Metadata

Stretch Break

be back in 10 minutes

Check in on NPCC Program Track SPI data needs
Kris Homel, NPCC
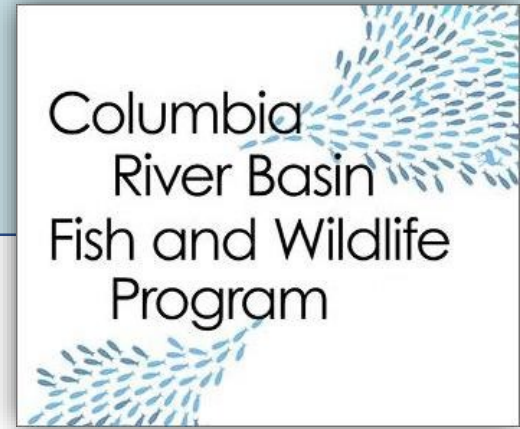
Brainstorming Opportunities with Existing Regional Systems
Nancy and group

Submit once and feed multiple needs

Improve consistency among systems for data providers/consumers

Efficient use of limited resources
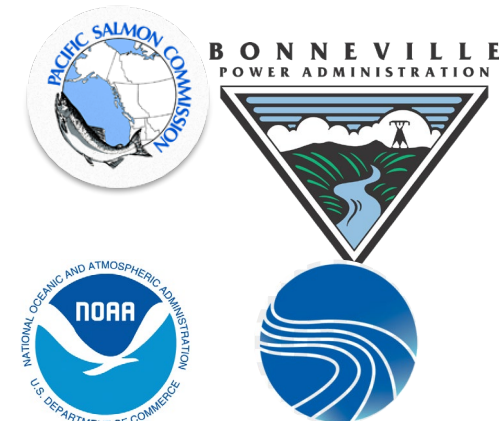
HCAX could be initial driver among systems
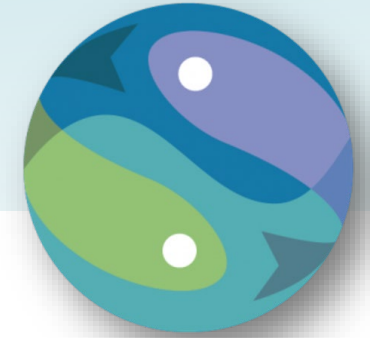
Data Providers   **Regional Data Systems**   **Data Consumers**

Ongoing StreamNet Group Tasks

Update on closed FY2021 and new FY2022

Contract No	Date	Value	Invoiced	Unspent
78040 REL 17	10/01/2019 - 09/30/2021	$4,232,243	$4,071,267	$160,975 (3.9%)
78040 REL 41	10/01/2021 - 09/30/2022	$2,123,063		

FY20: $2,021,648* (doesn't reflect shifts to FY21)
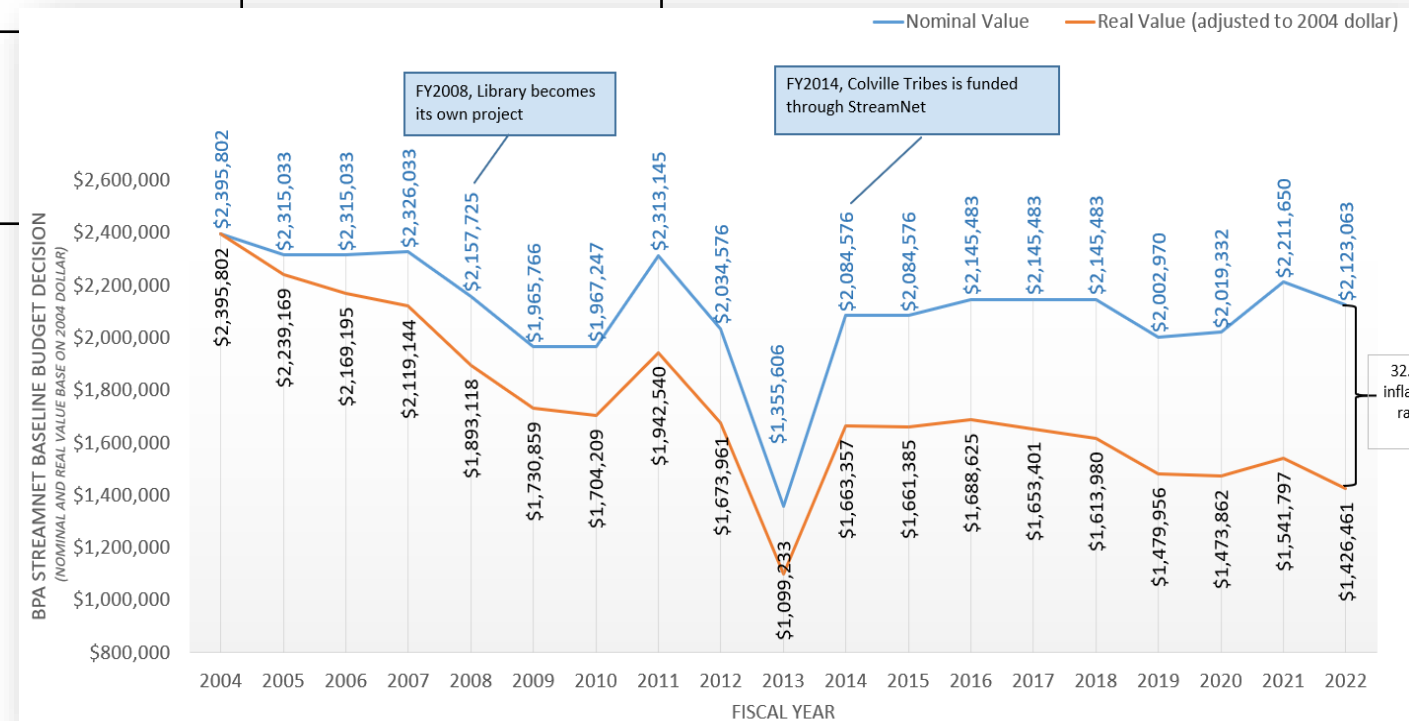*FY21: $2,210,595*^ (doesn't reflect shifts from FY21)*
FY20-21 total: $4,232,243

FY22: $2,123,063*^
FY23: pending confirmation
FY22-23 draft total $4,246,126

*ODFW portfolio addition included
^ PSMFC increase included

Ongoing StreamNet Group Tasks

CY 2021 Annual Project Report to BPA

March 21, input due on draft

- review your sections, add input on recommendations/lessons learned, and any other suggestions to improve

March 28, final draft shared

April 4, report submitted to BPA

Ongoing StreamNet Group Tasks

Update on closed FY2021 and new FY2022

CY 2021 Annual Project Report to BPA

Proposed work-session with SN TT, CAP DDT, MR.org staff to explore initial connections between PSMFC/MR/CBFish as discussed in SN TT

Continue exploring best approach to make connections to support specific products

Automate or facilitate human identifying correct

Project # , MonitoringResources.org Study Plan title/URL and/or Report URL

1. Consistent Sampling Locations & Timeframe Among Systems
StreamNet Flows to MonitoringResoures.org

2. Improve connection with Monitoring Resources (MR) documentation
Connect FMD & CAP Fish HLIs datasets to MR Study Plans

3. Putting Data Pieces together to Support Regional Needs

Columbia River Basin Fish Traps

Ongoing StreamNet Group Tasks

Update on closed FY2021 and new FY2022

CY 2021 Annual Project Report to BPA

Proposed work-session with SN TT, CAP DDT, MR.org staff to explore initial connections between PSMFC/MR as discussed in SN TT

Check in on manual/visual quality control (QC) review pilot

- Review your assigned records (18) by May 2
  - Data Stewards focus on accuracy
  - Independent focus on comprehension
- Provide input on process and the review tool
- QA/QC plan & pilot implementation plan are posted [on website](#)

Ongoing StreamNet Group Tasks

Update on closed FY2021 and new FY2022

CY 2021 Annual Project Report to BPA

Proposed work-session with SN TT, CAP DDT, MR.org staff to explore initial connections between PSMFC/MR as discussed in SN TT

Check in on manual/visual quality control (QC) review pilot

Initial discussion of 2023 CAP biennial workshop

- Purpose is to maintain exchange across all CAP partners (biologists, data stewards, consumers)
- Focus on issues beyond QA/QC data flow tasks (e.g. pg. 11 of QA/QC Plan)
- When planning the workshop should we expand CAP Core Team participants (e.g. HCAX)?
- Month for 2023 workshop?

StreamNet Technical Team Update
Mike Banach and Greg Wilke

Meeting held Tue Feb 8, 2022 1-4pm

2022 Fall StreamNet Steering Committee Meeting

identify dates to avoid for doodle pool

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
Aug 21	22	23	24	25	26	27
			AFS meeting			
28	29	30	31	Sep 1	2	3
4	5 Labor Day	6	7	8	9	10
11	12	13 tentative NPCC meeting	14	15	16	17
18	19	20	21 SN Executive Committee	22 PSC DSC meeting	23	24

Adjourned!