Day 1 Joint Session PNAMP Steering Committttee and StreamNet Executive Committee
November 8, 2023

- **Link to notes from Day 1: https://www.pnamp.org/document/15282**
- **Action Items Day 1 Joint Session:**
  - **StreamNet will develop a proposal for data download tracking to be discussed at the January StreamNet Technical Team meeting**
  - **StreamNet will update the current CAP DES per protocol and develop clarifications for current definitions**
  - **StreamNet will work with data providers to clarify and standardize map resolution**
  - **HCAX final meeting will be scheduled**
  - **Rotary Screw Trap tool will be updated with the feedback received**
  - **Update guidance for Fish Management Unit Boundaries for current versus historical boundaries and other feedback**
- **Meeting Material Links:**
  - **PNAMP Fish Monitoring Work Group** - https://www.pnamp.org/project/fish-monitoring-work-group
  - **Fish Management Unit Boundaries document** - https://www.pnamp.org/document/15270
  - **Rotary Screw Trap Dashboard** - https://psmfc.maps.arcgis.com/apps/dashboards/e52230179ac0418790abe852433b5231

Day 2 of StreamNet Executive Committee Meeting

November 9, 2023 StreamNet Executive Committee (PNAMP Steering Committee welcome)	
Time	**Agenda**
9:00	Welcome & Introductions
9:10	StreamNet Technical Team update: annual meetings set; new upload expected date-range
9:30	Review and provide input on draft MAFAC Dashboard to inform next steps
9:50	Update on changes to CAP Fish HLIs Map Query
10:05	BREAK

10:20	Informational Item/Discussion: any other data categories, such as sensitive content and non-ESA population categorization, to support near-term regional needs
11:00	CAP five year plan (review, propose and discuss potential) changes
11:30	Updates from members
12:30	ADJOURN/LUNCH

Welcome & Introductions

Attendees:

Jody Lando (BPA), Russell Scranton (BPA), Tami Wilkerson (CBFWL), John Arterburn (Colville Tribes) Sheryn Olson (CRITFC), John Cassinelli (IDFG), Dawn Anderson (MFWP) ,   Cedric Cooney (ODFW), Jake Chambers (ODFW), Kasey Bliesner (ODFW),   Lara Erikson (PSMFC),   Dan Rawding (WDFW), Brodie Cox (WDFW),   Tim Copeland (IDFG), Todd Gilmore (USFWS), David Schmetterling (MFWP), Greer Maier (WA GSRO), Donella Miller (CRITFC) , Evan Brown (IDFG), Jiaming Yang (CRITFC), Rob Markle (NOAA),Art Martin (ODFW), John Netto (USFWS), Kris Homel (NPCC), Kate Self (NPCC),
StreamNet Staff: Nancy Leonard, Mari Williams, Mike Banach, Greg Wilke, Monica Diaz, Lara Erikson
PNAMP Staff: Jen Bayer, Sam Cimino, Amy Puls, and Meg Dethloff

Action Items:

- StreamNet staff will assess the upddate field as a possible automation of target date range for CAP fish HLI data and develop a webpage to house the table and link to the data stewards' page.
- MAFAC dashboard feedback will be incorporated by StreamNet staff.
- Data Discovery Naming standards will move forward as a technical team topic.

Meeting Materials Links:

- **MAFAC Dashboard -** https://www.streamnet.org/home/data-maps/dashboards/mafacdashboard/
- **Five-Year Plan for Coordinated Assessments Partnership -** https://www.streamnet.org/five-year-plan-for-coordinated-assessments-20190731-revised-nov2022/

StreamNet Technical Team update: annual meetings set; new upload expected date

The team has agreed to meetings twice a year. The target date range for CAP fish HLIs was presented and discussed. The StreamNet Executive Committee was supportive with the understanding that the date ranges are estimates. Members do not want their biologists to be getting calls about this and agreed to adding a link to the StreamNet data stewards page alongside the table of target date ranges. Members agreed that ranges would be estimated at the species and run level, not at the population level and only for finalized data appropriate for CAX. StreamNet will explore internal upload date information to auto populate this table.

Review and provide input on draft MAFAC Dashboard to inform next steps

The [MAFAC Dashboard](#) was presented for review. Input topics included representation of zeros and nulls, inclusion or exclusion of jacks in estimates, population vs MAFAC stock levels, and clarification of data availability for the comparison. There was a request to change /clarify some language on the website: Emphasizing information on the populations for which CAP data exists are provided at the stock level and clarify that it is based on the populations which monitoring data exists within CAP. Indicate the number of populations that are contributing to the rolling 10-year average goal. If anyone has further input, it was requested that it be given to Nancy between now and Thanksgiving.

Update on changes to CAP Fish HLIs Map Query

Changes to the Map Query were presented and no further updates were requested.

Informational Item/Discussion: any other data categories, such as sensitive content and non-ESA population categorization, to support near-term regional needs

Request for standardization and approval for StreamNet to develop polygons for Fish Management Units. Members were supportive in the context that the polygons developed would be to support web-based tools and built to reflect the best available data over time – not reflecting year to year variation. Maps should be distributed to the data stewards and biologists for review. It was also recommended to reach out to regional groups for their broader perspectives.

The group discussed population name standardization and groupings of populations not listed, within the context of improving data discovery. It was agreed that this topic would move forward as a StreamNet Technical Team topic.

CAX and HCAX connections were discussed to brainstorm about how and which connections were appropriate to pursue. It was agreed that the connections can be complex and must be approached carefully and check with local experts for full understanding.

Access to sensitive data was discussed. It was agreed that StreamNet will not be hosting sensitive data or solving this problem. Partners will continue to address requests directly and on an individual basis. BPA determined that the topic requires discussion at the policy level with counsel review and respective representatives for the appropriate agencies or entities. Whenever a new tool is created it will be shared with the committees to make sure sensitive data is not being shared. Any conversations about sensitive data will be redirected to the entity that would be providing the data. Existing data in StreamNet is assumed to not be sensitive. If data sensitivity status changes, we will rely on the provider to flag that in the StreamNet system.

CAP five-year plan (review, propose and discuss potential) changes

The CAP Five Year Plan was presented. It expires in September 2024. The formatting was updated to better reflect the content. No recommendations for changes were provided.

Updates from members

- CRITFC: hired a new data manager to bring systems up to date and more functional; three tribes received EPA EN grants of $300k. In preliminary phases of managing data, CRITFC has a lot to do with their own data while supporting their member tribes; NOAA grant is linked with CMOP and ocean data alliance. **Contributed update:**

The Inter-Tribal Monitoring Data project is a science support program whose mission is to facilitate CRITFC member tribes' RM&E database management systems and provide a forum to coordinate and collaborate over best practices for data management and governance – to preserve, protect, access, reuse our valuable data assets. We also provide professional development opportunities for tribal data professionals and project managers, while serving as liaison among many regional partnerships. Sheryn Olson, Coordinator, solson@critfc.org

- We are increasing capacity:
- Our new Fishery Science Department manager, Donella Miller, the Operations department, along with a few of the scientists very recently committed to implementing a Science and Information Support program at CRITFC to better support both CRITFC and member tribes' data governance and data management.
- ITMD staff procured a $400,000 two-year NOAA grant for CY2023-2024 that enabled us to hire a Data Systems Specialist. Project staff could then improve and maintain centralized data management systems that comprise software and SQL databases of aquatic data to collect, house, access, and re-use data-make our data FAIR. Improvements are ongoing and include:
- **Elevated Tribal Engagement**: ITMD is bolstering tribal involvement in the CDMS project. Through regular, biweekly meetings and status reports, we've facilitated closer collaboration with the four member tribes, enabling them to actively contribute to develop the CDMS.
- **Unified Software Upgrade**: We've successfully streamlined the CDMS software by consolidating four tribal installations into a unified Version 3.0. resulting in more efficient software development and maintenance processes. CDMS v3.0 upgraded the user interface, enhanced security measures, and improved performance.
- **Dedicated Tribal IT Support**: For instance, ITMD/CRITFC provided a dedicated testing server for NPT. This initiative enables thorough, rigorous testing of CDMS upgrades prior to deployment. It improves quality control, resulting in heightened software stability and smoother upgrade transitions.
- The four CRITFC member tribes received $315,501 from the 2023 budget, or 44.7% of the total to assist with their data management. ITMD staff and the Tribal eXchange Group (TXG) assisted tribes to obtain EPA exchange network $300,000. grants, which YNF, CTUIR and NPT each received. YNF hired a Klickitat data coordinator in 2023 and in 2022, a data systems coordinator to assist the IMS/STAR program. ITMD/CRITFC, CTUIR, and CTWS have retained consultants to improve their centralized data management systems and clean and load legacy datasets.
- We are expanding outreach, education and professional opportunities:
- In 2023, ITMD staff produced, promoted, or attended seven workshops: including ITMD Annual workshop; the *Cultural Competency & Relevancy, and Indigenous Knowledge Workshop,* West Coast Ocean Alliance (WCOA) Tribal Summit. and six Staff gave five presentations, and

submitted a news article, many on the topic of Indigenous Data Sovereignty. ITMD sponsored ~40 webinars and technical presentations from such entities as [Community for Data Integration (CDI)](#); Dataversity; esipfed.org; the global Research Data Alliance; and Tribal eXchange Network (TXG) [Tribal data help drop-in sessions](#).

- ITMD, CMOP, and CRITFC staff, and CRITFC member tribe staff are involved in the WCOA and the WCOA Data Portal development. (very similar to NOAA Salmon Data Portal). A major focus of the WCOA is offshore wind energy and ecological effects. WCOA has 11 member coastal tribes.

Member Updates cont.

- NPCC: The Council has almost finished their data management process series. Working on assessing program scale, close to wrapping up assessment program at the hydro scale, updating project review process to streamline for project sponsors.
- Colville: nothing to update look at PNAMP notes
- MFWP: Updates to cutthroat trout databases and distributions. Exploring different database options. Working to develop a genetics database.
- WDFW: No updates
- IDFG: Evan's shop is increasing staff, bringing on a technician. They are focused on digital data collection and have had intermittent success. Eventually they want to bring in tablets for snorkel surveys. App development: bring in tagging for anadromous harvest, spring chinook fisheries 2024, will have option to electronically tag harvested fish through the app. Which will provide real time harvest information. Eventually they want to have it for fall chinook too. Sturgeon management plan just went out for comments.
- NOAA Fisheries: no updates
- USFWS: hired a regional data manager and getting up to speed. Working on understanding shared data platforms.
- BPA: settlement agreement for reintroduction above Chief Joe. Agreement to provide $200 million over 20 years. There are news releases about it to learn more
  - [20230925-bpa-enters-agreement-tribes-reintroduce-salmon-in-upper-columbia - Bonneville Power Administration](#)
  - [Biden-Harris Administration, Tribes Reach Historic Agreement Supporting Efforts to Restore Healthy and Abundant Salmon Populations to Upper Columbia River Basin | U.S. Department of the Interior (doi.gov)](#)
- ODFW: hired HCAX tech. Data sharing agreement legislative changes. A number of temp staff changes have occurred so be aware if you are trying to contact people.
- PNAMP: propose a joint meeting with EC and SC, again, in November. Curious about November 6,7,8. Which of those two dates. Looking for major conflicts. PFMC meeting in the week of the 11th, conflict for John Cassinelli IDFG, may also have the habitat meeting the week before.