Sept. 7, 2017

DRAFT - StreamNet Steering Committee Meeting Notes – DRAFT

Attendees: Chris Wheaton, Mike Banach, Bill Kinney, Van Hare, Greg Wilke, Amy Roberts, Stan Allen (all PSMFC), Dawn Anderson (MFWP), Mari Williams (NOAA), Tom Pansky (BPA), Cedric Cooney (ODFW), Evan Brown (IDFG- phone), Bart Butterfield (IDFG-phone), Jen Bayer (PNAMP- phone), Paul Clayton (Colville- phone), Zach Penny (CRITFC- phone), Johnna Roy (USFWS), Doug Threloff (USFWS), Bob Woodard (WDFW), Brodie Cox (WDFW- phone)

9:30 AM Budget Updates – last month adjustments – Next FY Budgets All

Only change for FY18 was direction from BPA to cut training and reduce travel ($450 removed from PSMFC). Went over current billings and discussed problems and opportunities with end of year budgets and spending;

Colville- has balance of $28,000- traditionally been slow in billing

IDFG- no issues with billing

MFWP- keeping close eye on any potential billing issues

ODFW- dealing with end of biennium budgets so StreamNet billing is a lower priority for now; may have as much as $80,000 left over due to hiring freezes

USFWS- no issues with billing

PSMFC- no issues with billing

WDFW- no issues with billing but will be $6,000 - $9,000 short for FY17 due to increases in indirect rates in July 2017 (28% --> 32%) and step increases; will put them $43,000 short in FY18

 Ok with BPA to shift funds within FY 17 StreamNet remaining balance to cover the shortages, but can’t “roll” funds into next FY

ODFW has savings (due to hiring freeze) that they could make available; Chris will put together sub-contract amendments to shift funding from ODFW to WDFW to make up the difference for this year.

Chris will need Brodie to provide final budget need figure and Cedric to double check that savings are sufficient ASAP for subcontract amendment.(Update 9/15/17 – WDFW shortfall is closer to $52,000. ODFW has id’ed $27,000 in savings. Chris will prepare subcontract amendments to move that amount to help cover shortfall.)

Partners will check on any equipment purchases that could be made with cost savings by the end of this month and provide a list to Chris by 9/13/17. (Update 9/15/17 ODFW has id’ed $4,540.66 of equipment needs. PSMFC will purchase these for ODFW with end of year savings.)

Budget for FY18 is in place with BPA, PSMFC working on new sub-contracts; USFWS working directly with BPA rather than as a sub-contractor

10:30 AM CA Data flow in 2017 How are we doing? End of year priorities All

BPA priorities include 18 Tier 1 populations, 56 Tier 2 populations.

 ODFW- plan on submitting everything they committed to submit for this year by the end of September; may have a couple of new populations

 IDFG- will report for all populations for which they have data by the end of the year

 WDFW- as up to date as they can be

 CCT- should be able to report on same populations as last year, but Paul will double-check

CRITFC- weren’t ready to share data last year via CAX but provided data directly to BPA; will do something similar this year- Nez Perce, Yakama are close to being ready to implement centralized data systems, Warm Springs is farther behind, Umatilla hasn’t given any indication as to what they will be ready to share. Anticipates that tribal data will be shared the same as last year (directly to BPA, not via CAX), but things are getting better for future with this project.

Discussed one fish – two fish visualization tools. Everyone appreciates the perspective they give on data. Question was discussed – why not make them available to everyone permanently by asking that they be built into the CAX data viewer? Would require discussion and possible contract change with Brian Mashoff.

Do we need to reach out to other non-StreamNet and tribal data entities this year, as was done last year? IDFG will reach out for Yankee Fork data again, WDFW will reach out to their contacts as needed

Chris will bring up the idea of tools being built at the data interface level at Exec Comm meeting, so that everyone can access it and improve quality control through integration with the database

NOAA/ Mari- Anticipates an update to SPS within the next month or two. Also would like to see age data in the DES. Not hearing a strong push for Hatchery indicators, work on hatcheries can’t come at a loss of NOSA indicators; SPS database is archival (vs live updates of CAX) and doesn’t always line up with CAX because the timeframes for updating each are different- comparing a static and a dynamic database - would be nice if SPS can include information on the site as to the effective date of the last update, who provided the data, and where to go for the most current information

Distribution still a high priority for states but it isn’t reflected in the project budgets. ODFW asked BPA – is it ok to support GIS staff with StreamNet funds so long as the priority work is being done. Tom – yes, updates to distribution and maintenance of the facilities dataset are part of those priorities

11:30 AM Partner Updates All

MFWP- moved offices & merged with Technical Services division, hiring to fill vacant StreamNet position

USFWS- working on options for consolidating hatchery data

BPA- QA/QC issues with the CAX; Would like to see missing data addressed before calculating/recalculating indicators. Recommend development of an error submission form on CA website, determine what a ‘blank’ means (null, not calculated, missing, ?).

Jeff Lane is the new representative on the Exec Comm. He and Bryan are both scheduled to be here on the 20th. Will have new head of Budget and Data group; Jody Lando will serve as RME H-lead behind Ben Zelinsky who was permanently reassigned to the 7th floor to work with Lydia Grimm; Jody plans to be here ~1/2 time through December while drafting an RME Strategy. She works at Stillwater Sciences, and has lots of experience using StreamNet. <http://www.stillwatersci.com/staff_directory_bio.php?cat=l-r&id=78>

ODFW- evaluating coastal cutthroat distribution data with web application, have public-facing distribution viewer, completed 4 Door pilot in July, moved to Management Resources Division

NOAA- will have another staff person in Science Center. Rishi Sharma will be working on status reviews, etc. and will have a real interest in the data.

WDFW- up to date on all deliverables, moved to new office in Ridgefield, using iPads for spawning surveys, new CIO, trying to move entirely to open source software; MFWP would like to see structure of their Regulations database. Brodie will send to Dawn.

CRTFC- Colleen Rowe new project leader will be representing CRITFC on SN committee, Nez Perce ready for testing of their CDMS (NOSA data), Warm Springs needs hardware before they can begin testing; currently drafting needs assessment for tribal centralized data management systems; still each tribe’s choice what data they deliver, CRITFC will assist with that delivery when/ if asked

IDFG- hired Becky Waskovich through PSMFC, made a lot of progress in data delivery, management, and maintenance now that they are more fully staffed; developing mobile spawning ground survey app, revamped stream/ lake survey app; trying to update taxonomy and hydrography at same time

CCT- Paul moving and Sitka looking for his replacement; working on automating indicators

PSMFC- Van is still accepting spatial data submissions that are secondary priorities for the project

PNAMP- Data Attribution White Paper is still pending (hope to have it out next week). Discussed a proposed PNAMP Data Documentation Workshop. Potential topics include review of current documentation in MonitoringResources.org of NOSA methods and discussion of process to support additional documentation. Requested feedback and interest. Waiting on more detail from BPA (some contracts are impacted, may be others as well); will invite any who want to participate with similar needs.

2:30 PM CA/StreamNet Priorities for new FY and review of 5 year work plan All

 Prep for Sep. 20 Exec Comm Meeting

Possible Pilot Project? High Priority Project Data into CAX as “Related Data”?

 Reviewed existing 5 year plan; currently finishing Year 2 of the plan.

Move Distribution to #4 on draft priority list for FY18 (per Cedric); using it to inform additional survey efforts and to make population estimates; would like to allocate more StreamNet funding to GIS and have GIS recognized as something that supports CA priorities (BPA is ok with this). So proposed FY 18 priority tasks are;

**Draft Priority List for FY 18:**

1. HLIs for 18 Tier 1 Populations
2. HLIs for 51 Tier 2 Populations
3. HLIs for other populations
4. Maintain facilities dataset/fish distribution
5. Related data pilot project for high priority populations?
6. Fully Implement FPC data sharing
7. Hatchery Datasets and DES Development
8. NPCC dashboard trends
9. Other (New Indicators? Bull trout?, etc.)

StreamNet doesn’t create the regional demand, but is happy to respond when the region identifies a pressing need (lamprey, sturgeon, bull trout).

 Suggested changes to next FY Year Plan in red;

* **Year 3** - (2017-18)
	+ Maintain automated flow of existing indicators, especially for priority pops. Obtain more data and share data with tribes if possible
	+ Implement hatchery data sharing if initial exercise is productive
	+ Examine pilot project for getting priority data from certain BPA-funded projects into CAX as “related data” for populations
	+ Delay review of data on lamprey, sturgeon, and bull trout, and discuss data availability and relationship to regional data needs until FY 2019

Suggested changes to balance of Plan years (4 and 5);

* **Year 4 - (2018-19)**
	+ Maintain automated flow of existing indicator data. ~~Implement recommendations of performance reviews in data collection efforts~~
	+ Finalize and adopt ~~lamprey, sturgeon, and bull trout~~ hatchery indicators, begin to populate with data
	+ Conduct review of data on lamprey, sturgeon, and bull trout ~~resident trout~~, to assess and discuss data availability and relationship to regional data needs
	+ ~~Begin development of resident trout indicators, ensure alignment with data needs~~
* **Year 5** - **(2019-20)**
	+ Maintain automated flow of all adopted indicators.
	+ ~~Implement recommendations of performance reviews in data collection efforts~~
	+ Finalize and adopt lamprey, sturgeon, and/or bull trout ~~resident trout~~ indicators, begin to populate with data
	+ Conduct review of CA project and evaluate next 5 years for possible new plan. Include assessment of regional data needs
	+ ~~Begin development of next indicators, ensure alignment with data needs~~

Will propose these to Exec Comm later this month.

Possible Pilot Project to get High Priority Project Data into CAX as “Related Data”;

Would ask BPA to identify specific datasets/ projects where they can’t access the data. Should be data from BPA projects that is being collected by staff from one of the StreamNet partners. StreamNet reps would then reach out to biologists and attempt to get data loaded. If it fits existing DES structure would be loaded as “Related data” for specific population(s). If unstructured, could create a new “related data” linkage to the Data Store.

Discussion of why StreamNet should use their funding to supplement someone else’s contract requirements to provide data to BPA? Reluctance to assume a contract enforcement role. Group is only comfortable facilitating data sharing, not enforcement! However, recognized the utility and value of demonstrating relevance to BPA/Council data management and R,M, and E efforts – if data can be obtained and relates to CA populations – why not show it and make it more easily accessible? All agreed that a pilot is needed before full implementation to determine issues with the approach, but agreed with concept of a trial.

If Exec Com agrees, will ask BPA to identify a limited number of datasets they think are out there, limit it to salmon and steelhead, and provide the contract numbers, the specific information they are expecting to receive (identify it relative to a DES if possible), contact person, COTR, timeframe, current data repository. Will then link any “found” datasets to populations in related data tab of CAX query.

3:00 PM Hatchery data and FPC data sharing Update Mike

**Capturing FPC SARs in CA:**

For SARs from FPC, FPC created a query for us. We just have to run 3 queries (for upper Columbia, middle Columbia, and Snake regions) to get all their data, then import into an Access database Mike created and run a query there to convert to CA format. Mike has written instructions for how to do this process. PSMFC is offering to do this annually for everyone, but other partners can do their own populations if they prefer.

We only need to know which FPC SARs the StreamNet partners would like to show up in CA. This requires the agencies or tribes mapping FPC "groups" to CA populations. This is done in the "FPC group X CA population" table of the Access database Mike made for this process. Mike will resend email with Access database to SC to map FPC groups to CA populations/ super-populations. Please complete the mapping exercise in the next two weeks. [Post-meeting note: The initial email did not go to StreamNet people, but instead to Dan Rawding, Lance Hebdon, Jay Hesse, and Jim Ruzycki. Those are the people StreamNet will need to work with to complete this mapping exercise.]

**CA Hatchery Indicators:**

Tom: please let Russell, Scott, and Kristen Jewell know what we are doing with the hatchery data discussion.

Doug T. said USFWS data currently are available from FINS (LSRCP; currently only returns) and CRIS (releases and returns).

Chris Wheaton said relationship of hatchery programs to natural populations is what's actually of interest.

Mike will re-send out draft DES for Hatchery Indicators for review. It went out two weeks ago. Strong interest from the Exec Comm to do this work, but need the data sets to determine if it’s going to be useful. He needs sample datasets (adult returns by location and juvenile releases to start, can probably wait on SARs and R/S). Will then look at these data sets to see what exists and make suggestions for DES improvement (USFWS and WDFW sent some; ODFW has some to send; IDFG sent summary of available data but not data). Please send sample hatchery data sets containing both adult returns and juvenile releases for example Columbia Basin programs/facilities to Mike a.s.a.p. (before Exec Comm meeting on 9/20). Should be existing data, not asking for extensive work!

4:10 PM Adjourned