

*Columbia River Basin Lamprey Technical Workgroup  
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[fws.gov/columbiariver/lamprey.htm](http://fws.gov/columbiariver/lamprey.htm)*

November 18, 2009  
Meeting Notes

Workgroup members present: Nick Ackerman (PGE), Jody Brostrom (USFWS), Mike Clement (Grant County PUD), Debbie Docherty (BPA), Molly Hallock (WDFW), Gary James (CTUIR), Kathryn Kostow (ODFW), Bao Le (Longview Associates), Christina Luzier (USFWS), Matt Mesa (USGS), Mary Moser (NOAA-Fisheries), Josh Murauskas (Douglas County PUD), RD Nelle (USFWS), Chris Peery (USFWS), Dave Roberts (BPA), Tim Shibahara (PGE), Dave Statler (Nez Perce), Sean Tackley (USACE), Dave Ward (CBFWA).

1. Passage Metric Subgroup – Josh Murauskas gave an update on the development of Phase 1. The phases are defined here:

Phase 1 is definition of potential metrics.

Phase 2 will be selection of appropriate metrics to use when evaluating passage.

Phase 3 will be developing standards for the chosen metrics.

Gary James - More general information is needed before specific metrics are described and chosen. Like a white paper. Asked if there were passage standards for adult and juvenile salmonids? Yes.

Dave Statler – We don't want to lock ourselves into standards that are not good enough. Adaptive management and going forward with uncertainties will be necessary. It will be a lengthy process.

Gary James – These are not going to be based on a lot of data. We are kind of grabbing at an end number.

Chris Peery – Defining which metrics is important.

Josh Murauskas – Getting everybody on the same page, comparing the same things from project to project, standardizing these is really important.

Nick Ackerman – Standardizing analysis of data at dams (i.e., telemetry) is important.

Gary James – One that is missing from the Phase 1 list is redd counts, reach escapement, indirectly tied to passage.

Kathryn Kostow - Redd counts are not always an accurate method for adult abundance.

Dave Ward – Will run Phase 1 through CBFWA and then Phase 2 will start. Phase 3 will be a long process, probably years. Phase 2, where a recommendation for which metrics are being used, will be a more formal document and will be reviewed by the Council.

Josh Murauskas – Expectations for Phase 2 are looking at proposed metrics and evaluating which ones we have a handle on and which ones can be measured. And to justify why the ones we propose to use.

Chris Peery – It will be a literature review and review of research.

Nick Ackerman – Will all metrics in Phase 2 have standards attached in Phase 3? No.

Dave Statler – We will have to describe which metrics are chosen, why were the ones chosen and why were the ones not chosen.

Gary James – What about tributaries?

Dave Statler, Sean Tackley, Chris Peery, Aaron Jackson, Bob Rose have volunteered for Phase 2. Dave Ward will continue to monitor the subgroup. Josh Murauskas, Mike Clement, and Chris Caudhill will continue to work on this as well.

Tentative timeline for Phase 2 is end of May. Subgroup will report at next workgroup meeting.

Dave Ward will email and set up next call for subgroup.

**Please send comments on Phase 1 to Dave Ward by Dec 18.**

2. Translocation Paper – Subgroup led by Dave Ward. Original request was for a position paper on translocation. A review paper was written instead because a position paper would not be signed off by CBFWA. The review paper is now ready for review by the larger workgroup.

Bob Rose – A couple things left out of paper such as future management implications and pros and cons.

Dave Ward – Should this be a stepping stone for another management brief? We have to be careful not to overstep our purview.

Mary Moser – We are not in a position to make management decisions. We can only give our technical expertise.

Dave Ward - Maps needed for paper – Figs 1 and 2 and 15. Kathryn Kostow will help with maps.

Gary James – Can there be a neutral recommendation at the end of the paper? It is an emergency restoration effort. It is imperative that big survival increases happen now. Either major mainstem passage issues and/or translocation need to happen.

Mary Moser – There isn't a consensus on a recommendation. We can't really get into policy.

Dave Ward – Should we make a conclusion statement at the end of the paper reiterating how dire the lamprey situation is and that we have these suites of actions for possible restoration?

Gary James – A draft of “the what” is needed to accompany the translocation paper.

Kathryn Kostow – There is a need for companion papers on restoration, dredging, etc. with forward on policy from CBFWA or some other policy body. Like chapters in textbook (source document). The workgroup should start thinking about this.

Matt Mesa – The differences in opinion should be articulated in the translocation paper.

Mary Moser– They already are articulated in the risks and benefits section.

Dave Ward -

(1) is revising the text to remove any reference to the tribal restoration plan having adopted the translocation guidelines. It still says they are being considered for revision and adoption into the plan.

(2) incorporated new text addressing the recently published article in Fisheries about translocation and propagation.

(3) added a final paragraph on page 34 wrapping up the story - lamprey doing badly and need help, potential actions include....., it is important that uncertainties be addressed, but it is imperative that we not sit on our thumbs.

(4) still needs data for the figures and will be asking workgroup members in December.

**Please send any comments on the translocation paper to Dave Ward by Dec 18.**

3. Dredging subgroup – Kathryn Kostow - had a meeting in May and learned that exploration needs to be made (subsampling). Dredging is affecting populations all along the coast. Summer field trips were planned for the summer until Kathryn was injured and was out for most of summer and fall.

Dredging technologies need to be learned, what type is affecting lamprey (deep, shallow), mining on beach gravel. We need to figure out what is going on. Notes were shared with subgroup but they will share them with the larger workgroup. Dredging is going on in the lower river but also above to Lewiston. We need to check on where and what kind of dredging is going on and what they are doing to lamprey.

Dave Statler – Corps is planning dredging to maintain shipping channels, done on recurring basis. Trying to get contractors to do pre-work. Dave suggested that they do pre-sampling for lamprey.

Kathryn Kostow – Paper that came from B.C. (Beamish) described finding lamprey in dredge spoils. Areas that are dredged are highly variable, what is done with the spoils is variable, different dredges have different mortality rates. This information has to be found out quickly because the need is there (i.e., Dave Statler and Corps info).

Gary James – If we could find a list of who and when sampling is going on, he would free up some staff to do some sampling.

Christina Luzier – If the subgroup could set up a plan, list of questions, list of who is dredging, when they are dredging, and a general schedule of what should be evaluated that would be great and then we could mobilize people to do some sampling.

Molly Hallock – We will need metrics to give dredging people so they know what to do.

Bob Rose – Will give Kathryn Kostow contacts on yearling surveys

Bob Rose, Marquita and Ernie (Yakama) and Gary James and Aaron Jackson volunteered.

Update since workgroup meeting: A meeting has been scheduled for Tuesday, January 5<sup>th</sup> (Corps, ODFW, WDFW, FWS, Umatilla Tribe and Yakama Nation – so far) to start developing a plan.

**Please let Kathryn Kostow know if you would like to help.**

4. Fish Screening Oversight Committee – Matt Mesa’s lamprey screen project is just getting started. He is working with the Oregon screen shop with mesh sizes and examples of screens. Irrigation diversion screens are what they are focusing on. They will work in the lab and then look in the field for entrainment, injuries, survival, etc. They are still fund raising.

Jody Brostrom - If your agency can contribute money to the project that would be great. Also if you have research on irrigation diversions/screens please give to Jody and/or Matt.

Mary Moser– We should get a BOR rep on the workgroup - Steve Grabowski

5. Critical Uncertainties - We will put them on the agenda for the next meeting. Dave Ward reordered them for the council so we should talk about reordering and updating the 5, 10 and 20 year goals.

6. New Website – workgroup website was moved to CBFWA site.  
[http://www.cbfwa.org/committee\\_LTW.cfm](http://www.cbfwa.org/committee_LTW.cfm)

7. Other

- A. Matt Mesa - Michael Durham – photographer for National Geographic took a bunch of photos of macrophthalmia at USGS. Matt will send the link.
- B. Matt Mesa - Book coming out from lamprey symposium in San Francisco in 2007.
- C. Kathryn Kostow(?) - We should pursue a display at Oregon Zoo.
- D. Corps of engineers AFEP meeting Dec 1-3 in Walla Walla.
- E. Bob Rose – Yakima Basin workshop on October 10. Several speakers were there including workgroup members. Dec 8 there will be another meeting for planning restoration plan for Yakima.

7. Next meeting date – April/May 2010. Christina Luzier will send out potential dates closer to next meeting.

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