

FFDRWG
Tackley

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Update Notes for 10/6/2011 NWP FFDRWG Meeting

1. **BON WA Shore Lamprey Flume System:** Design team is working on the 60% Plans & Specs for the gravity flow water supply system. The 60% package should be out for review in mid-October, so FFDRWG reps should look for an email from me. *Note: I am interested in getting all FFDRWG reps on DrChecks so we can streamline the review process.*

2. **JDA North Entrance Mods:** Contract for construction has been awarded and the team is working on arrangements for a preconstruction meeting with the contractor to work out logistics, etc. Per earlier coordination, this work will proceed this fall (through end of March) and will be completed during the extended IWW period of 2012-2013. As a side note, I want to start a dialogue soon to discuss whether we want to consider eliminating the proposed entrance LPS (similar to Cascades Island, but terminating at the tailrace deck during evaluation phase) from this effort. Resources may be better spent on other lamprey work. *Note: Design and construction of the LPS isn't part of the contract - it will be done by University of Idaho (Caudill) or NOAA (Mary Moser). More to come!*

3. **TDA East AWS Emergency Backup System:** On 9/21 HDR was given Notice to Proceed to develop an Engineering Documentation Report (EDR), which will take the results from the previous brainstorm report and Corps legwork and thoroughly analyze alternatives. The first thing on the scope is a kickoff meeting/initial site visit for the PDT and HDR. This will be happening in the next 7-10 days. Per an email from Randy Lee, here are some details:

- a. From the Brainstorm report we will be considering Alternatives 1, 2, 10 and 11 as stand-alone alternatives. Alternatives 4, 5, 8, 9, 15 and 16 (new alternative using the equalizing headers) are not stand alone. But, where appropriate will be combined with the stand alone alts.
- b. 20% Report. This submittal will include criteria, preliminary outline for the report, and a hydraulic analysis of Alt. 16 to determine the capacity. The results will determine if this alternative should be further considered.
- c. 60% Report. The alternatives will be developed during this phase. An abbreviated risk analysis will be conducted on each alternative. 2 Alternatives will be selected to continue forward to the 90% report.
- d. 90% Report. The 2 alternatives selected at the 60% phase will be further developed. The report will include a Cost Engineering Section. MII cost estimates will be developed for both alternatives. 1 alternative will be selected to develop to the Final Report.
- e. Final Report. The alternative selected at the 90% phase will be further developed. The estimated total project costs will be developed. The cost estimate from MII will be used for the development of the total project cost. The project construction schedule will be refined. The task order will run

from September 21 - May 30.

4. TDA-JDA Adult PIT Alternatives Study: The PDT has had a couple of helpful site visits. We met with PSMFC staff (Dan Warf, Darren Chase) at McNary Dam to look at existing adult PIT systems in the WA Shore and OR Shore count stations, then toured the PSMFC's lab in Kennewick the following morning. It was useful to get a sense of design considerations, lessons learned from previous efforts, etc. The PDT is working closely with PSMFC and project biologists as we outline alternatives and look at feasibility and maintenance concerns. FFDRWG should expect to see a 30% alternatives report in early November, and I would like to review alternatives with FFDRWG at the next regularly-scheduled NWP FFDRWG meeting (December?). Note: USACE is currently continuing with analysis of TDA and JDA alternatives and does not expect to deviate from the commitments outlined in the BiOp. I know there is a lot of interest in expediting this design process, but structural and hydraulic considerations will likely keep us on the planned schedule. I am eager to work with NOAA (Gary and/or Trevor) on jointly assessing whether and how PIT systems at TDA and/or JDA will "significantly improve inter-dam survival estimates." Completing an analysis of the benefits of having these PIT systems installed (including a detailed description of how the info will be used) may allow us to move forward with design and construction plans once an alternative is selected. In other words, NOAA should be proactive on this analysis if they feel installation should move forward quickly.

5. Upcoming Meetings, etc.

- **Oct. 13-14:** Corps-tribal lamprey workgroup meeting in Walla Walla
- **Nov. 3:** Special SRWG to follow up on juvenile lamprey passage workshop. CRITFC is hosting the meeting in the Celilo Room.
- **Early October:** SRWG members should look for a draft "1 pager" outlining objectives for the "Systematic Adult Lamprey Passage Documentation" work discussed at the Special FFDRWG on 9/14. This will be a revised version of LMP-P-2011-1, and I will be actively seeking SRWG input on the objectives. Review is *especially* important, given that the product of this effort is to be a tool to help managers USACE to track and make recommendations on lamprey passage improvement actions.