**Fish Facility Design Review Work Group**

**(FFDRWG)**

# **USACE, Portland District**

December 2, 2019 (09:30-11:00)

Block 300 – Fireside Conference Room (1st Floor)

333 SW 1st Ave, Portland, OR

WebEx:

https://usace.webex.com/meet/jacob.macdonald

Call In:  
(888) 278-0296 | Access Code: 5614323 | Security Code: 07734

Link to FFDRWG folder:

<http://www.nwd-wc.usace.army.mil/tmt/documents/FPOM/2010/FFDRWG/FFDRWG.html>

**AGENDA**

1. Introductions
2. Review and approve meeting notes from August 1st meeting - approved
3. Bonneville PIT detection – *Jeff Hicks (PM), Brandt Bannister (TL), Ida Royer (FL)*
   * USACE at-dam feasibility final draft DDR comment period ends December 2nd (today)
   * Review comments received to-date – Last report was sent out and comments were received. The ITS gates were the two alternatives selected but the PDT is recommending combining into one alternative. BPA would like to close the first two units and have auto gates at the next units. Lorz said the question is if you can get the flow from the other units. The gate configuration of the gates can go to FPOM. NOAA wouldn’t prioritize this since it is coming out of OM funding. Unit 1 is the priority unit for adults and juveniles. Adding the automation would add a lot of time. Bettin has concerns about keeping the first gates to be used for debris. Bettin doesn’t think that there will be a lot of detections but Royer said all the factors were taken into account for the matrix. ACTION: Kovalchuk will add this topic to the January FPOM meeting agenda. Final report coming out before Christmas.
4. John Day Turbine Rehab – *Steve Sipe (PM), Curtis Lipski (TL),* *Jon Rerecich (FL)*
   * + Phase 1 scope – received funding. Had first PDT meeting to discuss scope. Lorz asked if the IHR work will influence the configuration of fixed and Kaplan blades. Rerecich said that it will be used but the design process will be similar. CFD modeling will used for this design.
5. TDA AWS – commissioning the third week of Feb. the PDT has a discussion on 17 December to support the engineering for the Fish Unit rehab – one fish unit and the AWS operation. At FPOM, partners said that they would be amenable to running the AWS in March. Bettin reminded everyone that the AWS was not designed to be used with the fish unit. If they don’t use it, then one fish unit would run all year with adjustments to the ladders. Bettin suggested closing the south entrance but Lorz said that they would have to look at lamprey passage.
6. Bonneville Second Powerhouse FGE – *Jim Adams (PM), Bridget Bell (TL), Jon Rerecich (FL)*
   * Funding for 2 units, unit 15 and unit 11 or 14 (TBD)
   * Tentative schedule:
     + March-April: 6 weeks construction in unit 15
     + May-June: Hydraulic testing

**Next NWP FFDRWG Meeting:** 6 February 2020