**USACE Fish Facility Design Review Work Group**

# **Portland District**

1 October 2015; 0900-1200

CRITFC, Lloyd 700 Building, 700 NE Multnomah St. (Ste. 1200), Portland, OR

Columbia Room (12th Floor)

Conference Call Information:  
Call: (877) 336-1280; Access/Security Code: 6464122; Host Code: 9459

Outstanding action items from previous FFDRWG meetings:

1. Bonneville Spillway - Stilling Basin Erosion and Bon Major Rehab (Cutts/Lee/Ebner). **ACTION:** Rerecich will work with Cutts on providing clarification on schedule and how/when FFDRWG will be engaged in this process. ***STATUS: No facility design or design decisions to be made at this point. The PDT is identifying those items that fall under a Major Rehab, Major Maintenance and Regular O&M. The document that describes those decisions should be available before the end of the calendar year (2015). Key messages should be available sometime in November 2015.***
2. JDA North Fish Ladder AWS Pumps (Richards/Boag).NOAA requests update on schedule for this effort. **ACTION:** Tackley will request updated schedule from Richards and Boag and will send to FFDRWG. ***STATUS: Corps has directed contractor to redesign certain aspects of the pumps to address reliability concerns. Tentative schedule is to have design complete by 12/31/15, first pump in service June 2016, last pump in service approx 12/31/16.***
3. BON B2 Fish Unit Trash Rake (Stricklin/Filan/Royer/Rerecich). CRITFC (Lorz) requests update on inspections to see how it is working. Milfoil and large woody debris will present different challenges. Also, need to verify that trash isn’t being floated. **ACTION:** Corps will update group as information comes in. ***STATUS: Trash rake is operational and has been working. Project operators had to float debris on the weekends on two occasions, as no maintenance personnel are available on weekends to operate the rake. Future updates can be provided through FPOM, as needed.***
4. Turbine Survival Program (Medina/Rerecich). Model trip currently scheduled for third week in September (week of 21 September). **ACTION:** Rerecich will follow up with Medina on trip particulars. ***STATUS: B2 bead analysis modeling trip to ERDC occurred week of 21 September.***
5. Bonneville B1 Ice and Trash Sluiceway (ITS) PIT detection.Are gates set on sill (68 ft)? Fredricks: Should be flush/on sill. **ACTION:** Corps (Royer?) will verify elevation of the gate crest. ***STATUS: The ITS manual gates were both lowered to 68 msl per NOAA's request over a month ago, which caused the ITS to flood at high forebay elevations and reduced water flow at the north end of the channel. After conferring with NOAA (G. Fredricks), BON currently has the southern-most gate (1A) on sill at 68 msl and the other (1B) at 70 msl. The channel is still flooded somewhat at high forebay but FPOM will need to determine whether or not the lessened water flows at the north end of the channel are enough of a concern to raise both gates back to 70 msl.***
6. JDA overflow PIT tag detection. **ACTION:** Eppard will have a hydraulic and structural engineer look at the design. Feedback will be provided back to the Region. ***STATUS: The President's Budget for FY16 includes funding for moving forward on evaluating the completion of an adult PIT detection system at John Day Dam. The Portland District is currently chartering a Product Design Team (PDT) to initiate this work in FY16. A schedule will be worked out once we have a PDT, but we expect to move forward with installation if feasible (design work completed, sufficient funds to support construction, etc).***
7. BON performance standards meeting. **ACTION:** PM-E will schedule a meeting to discuss BON performance standards, likely late March. ***STATUS: Fielding hosted a BON performance standard meeting on 29 July; a follow-up meeting was held on 16 September.***

**Link to FFDRWG folder:**

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

**AGENDA**

1. Introductions and changes or additions to agenda
2. B2 FGE (Medina/Popescu/Rerecich)
3. B2 Orifices (Medina/Kuhn/Rerecich)
4. Turbine Survival Program (Medina/Ebner/Rerecich)
5. Lamprey Passage Projects
   1. Lamprey Minor Fishway Modifications (Turaski/Knowles/Tackley)
   2. Lamprey Passage Structure (LPS) Development and Improvements (Turaski/Kuhn/Tackley)
6. The Dalles East Adult Fish Ladder AWS Backup System (Duyck/Roshani/Rerecich)
7. Bonneville Spillway - Stilling Basin Erosion and BON Major Rehab (Cutts/Lee/Ebner)
8. John Day North Ladder AWS pumps (Richards)
9. John Day North Ladder PIT detection (Tackley)

**Next NWP FFDRWG Meeting:** 3 December 2015