**USACE Fish Facility Design Review Work Group**

# **Portland District**

October 5, 2017 (0830-1130)

Block 300 – Fireside Conference Room (1st Floor)

333 SW 1st Ave, Portland, OR

Conference Call Information:  
Call: (888) 675-2535; Access Code: 7520508; Security Code: 4036; Host: 4036

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

**DRAFT AGENDA**

1. Introductions
2. Review and approve meeting minutes from 7 September FFDRWG meeting
3. Outstanding action items:
   1. **ACTION:** Ebner will write up the method for examining the effect of the two different elevations of the Bonneville spillway flow deflectors. **STATUS*: An ERDC model report on the Bonneville deflectors is attached. The figure at the end shows the jet behavior given different Q and submergence. Q is per bay and submergence is TW minus the elevation of the deflector. Bays 1,2,3,16,17 and 18 are at elevation 7 and the rest are at elevation 14. For a TW of 24 feet submergence on a 7 foot deflector is 17 feet and for a 14 foot deflector is 10 feet.***
   2. **ACTION:** The Corps (Ebner/Rerecich) will see if past BON trip reports are available and will distribute to the group. **STATUS: *Past BON ERDC trip reports and other supporting materials were distributed to the spill modeling participants on 9/13/17 via email and the FPOM website –***

<http://pweb.crohms.org/tmt/documents/FPOM/2010/ERDC%20Trip%20Documents/index.html>

* 1. **ACTION:** Walker or Tackley will check on the expected flow range (max and min) for the wetted wall structure and provide this information to FFDRWG. **STATUS:  *In progress.***
  2. **ACTION:** Rerecich will update the TDA East Fish Ladder AWS Backup construction MOC and coordinate with FPOM on the proposed changes. **STATUS: *MOC updated and sent to FPOM on 9/7/17. TDA-E vibration monitoring coordination on schedule.***

1. Lamprey Passage Structure (LPS), Minor Mods, and Wetted Wall (Turaski/Schroeder/Walker/Tackley)
2. Sept. 18-20 Bonneville and The Dalles ERDC spill model post-trip discussion (All)

**Next NWP FFDRWG Meeting:** 7 December 2017, from 09:00-12:00 (*Tentative*)