Fish Passage Operation and Maintenance (FPOM) Team meeting

08 June 2017 9:00-14:00

Columbia Room (12th floor), CRITFC Office

700 NE Multnomah St. Suite. Portland, Oregon 97232

Conference line: 888-675-2535 **Access/Security code: 4849586**

Documents may be found at: <http://www.nwd-wc.usace.army.mil/tmt/documents/FPOM/2010/>

1. **Approve May Meeting Minutes (Mackey)**
2. **Action Items**
   1. **NWW**
      1. **[May 17] 17IHR02 Powerhouse flooding at high tailwater -** ACTION: Peery will talk to Ken Fone to see if some of the AWS pumps can be turned off instead of all of them. .[defer to July mtg]
      2. **[May 17] 17LWG008 - U1, U2 Priority -** ACTION: Setter will follow up on the status of unit 2 returning to Kaplan for the next FPOM.
   2. **NWP**
      1. **[May 17] Avian Update – BON -** ACTION: Hausmann will talk to USDA about hazing protocols.
      2. **[May 17] 17BON10 MFR MU3 Juvenile salmonid morts -** ACTION: Hausmann will add the preventative measure to the unit dewatering plans.
      3. **[May 17] TDA picketed leads -** ACTION: Cordie will review the language in the FPP and decide if a change form is needed.
      4. **[May 17] 17JDA06 MOC JDA-Spill bay 20\_Restriction -** ACTION: Cordie will check on the pendants used at TDA to see if they could be used at JDA.
      5. **[May 17] 17JDA07 MFR MU12 Juvenile salmonid morts -** ACTION: Zyndol will update the MFR with more details and timeline.
      6. **[May 17] 17JDA07 MFR MU12 Juvenile salmonid morts -** ACTION: Zyndol will make changes to the dewatering procedure based on the discussion.
   3. **Completed Action Items or to be discussed later in the agenda**
      1. **[May 17] MCN TSW removal -** ACTION: RCC will send a revised teletype**.** *Status: Completed.*
      2. **[Apr 17] TDA BRZ -** ACTION: TDA will send out a Memo for the Public and post a copy of the map at the boat ramp. *Status: The change to the BRZ has not occurred so no memo was sent. The project tried to install a buoy but it floated away. They will pursue help from the Coast Guard.*
      3. **[Mar 17] BON B2 Orifices**ACTION: Hausmann will write up what work will get done and which funding sources will be tapped in an MFR. *Status: Discussed under 5.13.*
3. **Updates**
   1. **NWW**
      1. Upcoming maintenance/construction/research activities.
         1. FPOM outages schedule
      2. Court ordered early start-up of by-pass facilities [Van Dyke, Hesse, Lorz]
         1. Deployment timing of ESBS at MCN
         2. Primary bypass fundamentals
      3. Revolving maintenance schedule over the years to allow relief from lost maintenance period by potentially rotating one project a year out of early startup providing a broader maintenance interval.
   2. **NWP**
      1. Upcoming maintenance/construction/research activities.
         1. BON Avian line installation (17BON06)
         2. BON subsidence interim repairs (17BON09)
         3. BON orifice rehab (17BON12)
         4. BON B-branch survey
         5. TDA Rail Removal (17TDA17)
      2. Forebay Temp profiles (Lundell)
      3. JDA trash rack crane
   3. **Research/FFDRWG updates.** [**www.nwd-wc.usace.army.mil/tmt/documents/FPOM/2010/NWP%20Research/Research.html**](http://www.nwd-wc.usace.army.mil/tmt/documents/FPOM/2010/NWP%20Research/Research.html)
      1. **NWP FFDRWG**
      2. **NWW FFDRWG**
   4. **RCC update**

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| **Project** | **Previous day average (kcfs)** | **5 day forecast average (kcfs)** | **10 day forecast average (kcfs)** | **Projected Low/Peak (kcfs) and date.** |
| **LWG** |  |  |  |  |
| **MCN** |  |  |  |  |
| **BON** |  |  |  |  |

**Table 1. RCC flow forecast**

* 1. **BPA update**
  2. **Fish Count Program**
  3. **Next 5-year adult fish counting contract**
  4. **Pinniped update**
  5. **Lamprey update**
  6. **Avian update**
     1. **BON (Hausmann)**
     2. **TDA (Cordie)**
     3. **JDA (Zyndol)**
     4. **MCN** 
        1. **Pelican hazing**

1. **FPOM Charter Review**
2. **Coordination/Notification forms (need concurrence/discussion)**
   1. **17LWG06 MFR Emergency Debris Spill**
   2. **17LWG07 MFR RSW Emergency Temporary Closure for Derelict Dock Removal**
   3. **17LWG08 MFR Emergency Spill and Orifice plugging**
   4. **16LWG010 MOC JBS Upgrade Schedule Update – Outfall Installation Schedule**
   5. **17LGS09 MFR Primary Bypass**
   6. **17LMN05 MFR Separator Exit Debris Blockage**
   7. **17IHR06 MFR for an emergency debris spill**
   8. **17MCN 07 MFR emergency debris spill**
   9. **17MCN06 MOC Fish Pump #2 Testing**
   10. **17JDA08 MFR juvenile and adult chinook mortalities spillbay 20**
   11. **17TDA17 MOC Rail removal west PH**
   12. **17BON11 MOC T11 Outage for B2 Roof Repair**
   13. **17BON12 MFR B2 Orifices (renamed from DSM rehab)**
   14. **17BON13 MFR Gill Net at PH1**
   15. **17BON14 MFR Lamprey Mort CI LPS**
   16. **17BON15 MFR AFF PL mort**
3. **Fish Passage Plan:** The Current 2017 FPP and Change Forms are online at <http://www.nwd-wc.usace.army.mil/tmt/documents/fpp/2017/>.

**6.1** Pending FPP Change Forms.

* + 1. 17JDA005 - Turbine Dewatering Gatewell Dipping. Revised 5/18 per FPOM feedback.
    2. 17LWG008 – U1, U2 Priority. Revised 5/18 per FPOM feedback. Will be discussed at July FPOM after U2 index testing is completed.
  1. New FPP Change Forms
     1. 17OVE003 – FPOM Coordination. (Mackey)
     2. 17MCN008 – Table MCN-10 Spill Patterns during TSW Removal at Higher Spill. (Setter)
     3. 17DWR001 – New Project Section. (Setter)

1. **Task Group Updates.**
   1. BON minimum spill to maintain good B2CC egress. (Fredricks and Lorz). Team: Bettin, Ebner, Hausmann, Mackey, Rerecich, Wright. Date for test selected?