Fish Passage Operation and Maintenance (FPOM) Team DRAFT meeting Agenda

10 February 2022, 0900 Hours

Conference Call

**Conference line:** **1-844-800-2712** **Access: 199 076 9084**

**Webex meeting:** <https://usace1.webex.com/usace1/j.php?MTID=mfd2225aec54960151ed1beffdc99906a>

**Access Code: 199 076 9084 Password: fy21FPOM\*\***

Documents may be found at: <http://pweb.crohms.org/tmt/documents/FPOM/2010/>

1. **Approval of January Meeting Minutes**

1. **Action Items** 
   1. **NWW** 
      1. **[December 21]** IHR South fish ladder temp monitor broken, cannot calculate the differential. ACTION ITEM: Peery will update progress next FPOM. *Update: Parts on hand will be in place by early spring.*
   2. **NWP**
      1. **[July 21] WA AWEP status update.ACTION:** Morrill will report back on the progress.
   3. **Completed Action Items or to be discussed later in the agenda**
      1. **[November 21]** 21 LMN 06 MOC North Fish Ladder Debris Barrier Anchor Block.ACTION ITEM: Peery will see if concrete pumping could be delayed. *Update: work was completed later in the morning. Could not move to late afternoon. Did not appear to impact fish passage.*
      2. [December 21] NWP/NWW Critical Fish Passage O&M needs. ACTION: Mackey will host separate meeting after the January FPOM. Update: Moved to stand-alone meeting, might follow a short FPAC.
2. **Updates**
   1. **NWW Updates**
      1. JFF Early Start
      2. SMP will not be at LMN Working with BPA as they plan to cover the labor gap needed for condition monitoring at LMN. Looking at two people. They still believe they can get contractor on.
      3. Upcoming maintenance/construction/research activities (previously coordinated MOC/MFRs).
         1. 20 LGS 16 MOC Powerhouse Roof Repair
         2. 21 LGS 13 MOC Guidewall Anchor Cables Replacement
         3. 21 LWG 08 MOC Trash Rake Crane Replacement (May 2022)
         4. MCN spillway crane repairs. Spill patterns for underrated cranes and TSW removal (21 MCN06 Modified spill pattern for TSW removal)
         5. LMN Spillbay 3 repairs
   2. **NWP Updates**
      1. Upcoming maintenance/construction/research activities (previously coordinated MOC/MFRs).
         1. 21BON001 MOC Navigation Lock 1 (old navlock) Bridge Replacement scheduled for CY 2023**.**
         2. 19TDA04 MOC Crane rail Replacement winter (on going work)
         3. 20TDA10 MOC PUD Smolt Bypass Extended Outage
         4. 18JDA02 MOC Trash rack replacement. Scheduled for April 2022.
         5. 20JDA04 MOC STS crane replacement.
      2. BON Aqui-S long term solution.
      3. TDA AWS debris management. (Rerecich FC, Medhi Rashani TL, Kovalchuck temp PM)
      4. TDA trunnion pin. Via email from Michael S. Colesar, on 1/28/2021 “Gate 9 trunnion would be part of a larger project to completely rehab Gates 1-9. SAP shows Start in 2031, Construction 2034”
      5. TDA Fishway water velocity evaluation (new)
      6. JDA north pump #4.
      7. JDA spill bay 10. In manual operation, have not figured out remote operations from the control room, likely manual most of spill season.
      8. JDA N elevator #4
      9. JDA SMF April start up
   3. **NWS (Seattle)**
      1. Upcoming maintenance/construction/research activities (previously coordinated MOC/MFRs).
      2. Albeni Falls Dam
      3. Chief Joseph Dam
      4. Libby Dam
   4. **Research/FFDRWG updates.** <http://pweb.crohms.org/tmt/documents/FPOM/2010/FFDRWG/FFDRWG.html>
      1. **NWP FFDRWG** Last meeting 2/3/2022
         1. JDA ladder temp. memo development (Grosvenor)
      2. **NWW FFDRWG** Last meeting 1/31/2022. Next meeting 4/28/22
      3. **NWP & NWW SRWG** Next meeting 2/16/22
   5. **RCC update**

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| **Project** | **Previous Day Average Outflow (kcfs)** | **5 Day Forecasted Inflow (kcfs)** | **10 Day Forecasted Inflow (kcfs)** | **Forecasted Inflow Low/High (kcfs)** |
| **LWG** |  |  |  |  |
| **MCN** |  |  |  |  |
| **BON** |  |  |  |  |

**Table 1. NOAA Northwest River Forecast Center inflow forecast.**

* 1. **Fish Count Program update (Peery, Wertheimer)**
  2. **BON Video quality during stock ID (Morrill)**
  3. **Avian updates (10:30)**
     1. NWW – Inland Avian Management Plan update (Anderson or Peery)
     2. JDA
     3. TDA
     4. Lethal Removal – Update of the NEPA progress
     5. BON
     6. Estuary
     7. 2022 Avian Management & Monitoring Plan (BPA, BOR, Corps)
  4. **Pinniped update** 
     1. Bonneville Dam
     2. Willamette Falls
  5. **Lamprey update** 
     1. BON
     2. TDA
     3. JDA – Mods to S. Fishladder trap and SFL Ent. Weir (Grosvenor)
     4. NWW
     5. Lamprey Accords Work Group (Macdonald)
  6. **BPA update**

1. **NWP/NWW Critical Fish Passage O&M needs8**
2. **Coordination/Notification forms (need concurrence/discussion)**
   1. 22 TDA 01 MFR Wasco PUD dewatering
   2. 22 IHR 01 MFR Juvenile steelhead mortalities
   3. 22 LMN 01 MOC North Fish Ladder Debris Barrier
   4. 22 LWG 01 MOC NOAA RSW Detection Efficiency
3. **Fish Passage Plan** 
   1. The 2021 FPP is in effect through February 28, 2022.
   2. The 2022 FPP goes into effect March 1 and is in the final stages of development. Draft sections and Change Forms are at: [pweb.crohms.org/tmt/documents/fpp/2022/changes](http://pweb.crohms.org/tmt/documents/fpp/2022/changes/)
      1. NEW & PENDING Change Forms:

* 22BON001 – Units 1 & 10 Maintenance (Bettin, Derugin). PENDING
* 22BON002 – Screen Removal Schedule (Derugin). NEW
* 22TDA001 – Flow Velocity (Cordie). PENDING
* 22JDA001 – Condition Sampling (Fielding). PENDING
* 22JDA007 – Screen Removal Schedule (Fielding). NEW
* 22MCN002 – Orifice Operation (St. John, Johnson). PENDING
* 22MCN004 – Modified Spill Patterns (Peery). NEW
* 22IHR003 – Orifice Operation (St. John, Fone). PENDING
* 22LMN002 – Orifice Operation (St. John, Griffith). PENDING
* 22LMN004 – Spill Patterns with No Bay 3 (Peery). NEW
* 22LGS002 – Orifice Operation (St. John, Barnes). PENDING
* 22LWG004 – Orifice Operation (St. John, Holdren). PENDING
* 22AppJ001 – JDA Condition Monitoring (Fielding, Grosvenor). NEW

1. **Task Group Updates.**
   1. Task Group Avian meeting (Cordie)
      1. <http://pweb.crohms.org/tmt/documents/FPOM/2010/Task%20Groups/Task%20Group%20Avian%20Hazing/>
   2. Task Group Condition Monitoring (Lorz & Sullivan)
      1. <http://pweb.crohms.org/tmt/documents/FPOM/2010/Task%20Groups/Task%20Group%20Condition%20Monitoring/>
   3. Task Group 15 Mile Steelhead Overshoots, TDA ITS operation dates. (Bellerud)
      1. <http://pweb.crohms.org/tmt/documents/FPOM/2010/Task%20Groups/Task%20Group%20TDA%20ITS%20operations/>
   4. Task GroupNon-native Piscine Predation (Hausmann).
      1. <http://pweb.crohms.org/tmt/documents/FPOM/2010/Task%20Groups/Task%20Group%20Non-native%20piscivorous%20fish>