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

14 April 2022, 0900

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 March Meeting Minutes (Peery)**
2. **Action Items** 
   1. **NWW** 
      1. [Mar 22] **LMN Spillbay repair. ACTION:** Peery will check option to conduct testing in September just prior to repair work vs. in March.
      2. [Mar 22] **Biological Services reports.** St. John requested input from FPOM on who would like to receive the contract report as well as the normal weekly report. **ACTION:** FPOM will confirm which reports they would like to receive.
   2. **NWP**
      1. [Mar 22] **BON T12 outage schedule.** **ACTION:** FPOM will need to re-examine the language in the FPP that would require T12 outages to occur during the spring freshet. This increases the risk of PH1 operation and increased fallback with the levels of spill typically seen during the spring.
      2. [Mar 22] **NWP/NWW Critical Fish Passage O&M needs.** Items with a wide range of ranks were discussed and this will be re-looked at next month. **ACTION:** FPOM will assess their agency rankings and send any updates to Mackey by 9 April.
      3. [Mar 22] **Lethal Removal – Update of the NEPA progress**. **ACTION:** Mackey will follow up with Schmidt to ensure a written update (MFR) is provided to all FPOM members.
      4. [Mar 22] **SRWG. Ranking meeting is 19 April.**  **ACTION:** Lorz will get comments to Macdonald by Friday. Macdonald will send documents by next Friday.
      5. [Feb 22] **TDA velocity monitoring.**  **ACTION:** Project will pick the monitoring strategy and report back to FPOM.
      6. [Feb 22] **JDA ladder temps.** ACTION: Grosvenor will distribute his report prior to next FPOM.
   3. **Completed Action Items or to be discussed later in the agenda**
      1. [Mar 22] TDA AWS debris management. **ACTION:** Mackey will ping Ida Royer about this item getting on the SCT spreadsheet. *STATUS: completed on 10 March. Royer confirmed it is on the SCT spreadsheet.*
      2. [Mar 22] BON Kelt Trigger. **ACTION:** Wertheimer and Lorz will co-chair for task group. *STATUS: task group has been established.*
      3. [Mar 22] 20TDA10 MOC PUD Smolt Bypass Extended Outage. **ACTION:** Martinson will send MFR, biological testing plan, and photo link to Mackey for distribution. *STATUS: completed and posted to the FPOM website.*
      4. [Feb 22] BON video stream. ACTION: Morrill will set up follow on meeting with Peery and Derugin.*STATUS: completed. WDFW is waiting on a response from 4Peaks. ODFW and WDFW will proceed with procuring their own DVR. Morrill has another internal call schedule for 10 March.*
3. **Updates**
   1. **NWW Updates**
      1. Upcoming maintenance/construction/research activities (previously coordinated MOC/MFRs).
         1. 20 LGS 16 MOC Powerhouse Roof Repair. BUS linkage install scheduled for 4-8 April. Roof repair will start in June and go through August.
         2. 21 LWG 08 MOC Trash Rake Crane Replacement (May 2022).
         3. McNary crane status. Crane 6 and 7 are back in operation. Hoist 6 is still OOS. June is still the estimated RTS date. The spill patterns will be evaluated and adjusted as needed. Observations will occur 10 April.
         4. LMN Spillbay 3 repairs. The repairs will occur in September.
         5. LWG navlock guidewall cables
         6. 22 LMN 01 MOC North Fish Ladder Debris Barrier
         7. 21IHR15 special generator testing.
   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. 22BON004 MOC T12 OOS.
         3. 22BON007 MOC U14/15 OOS for B2FGE testing.
         4. 19TDA04 MOC Crane rail Replacement winter (on going work).
         5. 20TDA10 MOC PUD Smolt Bypass Extended Outage.
         6. 18JDA02 MOC Trash rack replacement. Fabrication is complete.
         7. 20JDA04 MOC STS crane replacement. Still in the design phase.
         8. 22JDA03 MFR South Fish Turbine #2 OOS
      2. BON Aqui-S long term solution. No major changes for researchers in 2022.
      3. TDA AWS debris management. No funding so no updates at this time.
      4. TDA trunnion pin. Gate 9 trunnion would be part of a larger project to completely rehab Gates 1-9. SAP shows Start in 2031, Construction 2034.
      5. JDA north pump #4. Still OOS.
      6. JDA spill bay 10. Will still need to be operated manually.
      7. JDA N elevator #4.
   3. **NWS (Seattle)**
   4. **Research/FFDRWG updates.** 
      1. **NWP FFDRWG.**
      2. **NWW FFDRWG.** Next meeting is 28 April
      3. **SRWG**.
   5. **RCC update.**

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Project** | **Previous Day (2/9) Average Outflow (kcfs)** | **5 Day (2/14) Forecasted Inflow (kcfs)** | **10 Day (2/19) Forecasted Inflow (kcfs)** | **Forecasted Inflow Low/High (kcfs)** |
| **LWG** |  |  |  |  |
| **MCN** |  |  |  |  |
| **BON** |  |  |  |  |

* 1. **Fish Count Program update (Peery, Wertheimer)**. Currently have daytime video counts at BON, TDA, MCN, and LWG. 1 April start live counts at all projects.
     1. BON WDFW Tule counters
  2. **Pinniped update** 
     1. Bonneville Dam.
     2. Willamette Falls.
  3. **Lamprey update** 
     1. BON
     2. TDA
     3. JDA
     4. NWW
     5. Lamprey Accords Work Group (Macdonald).
  4. **BPA update**. Spreadsheet on the FPOM website.
  5. **Avian updates (10:30)**
     1. NWW
     2. JDA
     3. TDA
     4. BON
     5. Estuary
     6. Lethal Removal – Update of the NEPA progress (Schmidt).
     7. Ringold pelicans.
  6. **TDA monitoring presentation. (J. Reynolds)**
  7. **NWP/NWW Critical Fish Passage O&M needs**.

1. **Coordination/Notification forms (need concurrence/discussion)**
   1. NWW
      1. 22 LWG 05 MFR T1 Oil Fill
      2. 22 LWG 04 MOC T1T2 Gasket Repair
      3. 22 LGS 02 MFR Spillbay #3 OOS
      4. 22 IHR 03 MFR South shore AWS pump outage
      5. 22 MCN 03 MFR Spillbays 2&6 Opening Delay
   2. NWP
      1. 22JDA03 MFR South Fish Turbine 2 OOS
      2. 22JDA02 MFR North Fish Pumps Tripped
      3. 22TDA04 MFR Wasco PUD test results
      4. 22BON007 MOC U14 and U15 B2FGE Hydraulic Testing
      5. 22BON004 MOC T12 OOS
2. **Fish Passage Plan** 
   1. The 2022 FPP went into effect March 1 and is available online at: [pweb.crohms.org/tmt/documents/fpp/2022/](http://pweb.crohms.org/tmt/documents/fpp/2022/)
      1. NEW Change Forms:

* 22JDA008 – Orifice Operation (Grosvenor)
* 22AppI001 – DWR Turbine Startup Procedure (Chatfield)
  + 1. Turbine operating tables – updated by HDC.

1. **Task Group Updates.**
   1. 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/>
   2. Task GroupNon-native Piscine Predation (Hausmann).
      1. <http://pweb.crohms.org/tmt/documents/FPOM/2010/Task%20Groups/Task%20Group%20Non-native%20piscivorous%20fish>
   3. Task Group BON Kelt Trigger (Wertheimer and Lorz).