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

11 August, **10:00-2:00**

Bonneville Dam, Bradford Island Service Building (second floor conference room)

**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 Minutes: Peery**
2. **Action Items** 
   1. **NWW**
      1. [July 22] LWG adult CH fallback (Bellerud/Swieca) **ACTION**: Bellerud will send the presentation and write up to be posted to the FPOM website.
   2. **NWP**
      1. [July 22] Lethal Removal - **ACTION**: Sachs will provide more detail about NEPA cooperating agency status.
      2. [July 22] 22BON038 MOC Pre-Rock Removal Hydro Survey **ACTION:** Macdonald will put BON spillway rock removal on the FFDRWG agenda and report back to FPOM.
      3. [June 22] NWP/NWW Critical Fish Passage O&M needs. **ACTION**: Mackey will see if trunnion pin would be appropriate for this list and report back next FPOM.
   3. **Completed Action Items or to be discussed later in the agenda**
      1. [July 22] 22JDA07 MOC Block Study Running SFL in Shad Mode for Ladder Cooling **ACTION**: Grosvenor will address the suggestions and update the MOC for distribution. *STATUS: Completed. Updated MOC distributed to FPOM.*
      2. [June 22] 22JDA07 MOC Block Study Running SFL in Shad Mode for Ladder Cooling- **ACTION**: Grosvenor will get the channel velocity data with and without shad mode and report back to FPOM. *STATUS: Completed. Velocity data information included in the updated MOC.*
      3. 21 LWG 08 MOC Trash Rake Crane Replacement (May 2022). *STATUS: Postponed*.
      4. 22 IHR 07 MOC Fish Release Pipe Install Outage and Unit 3 Turbine. *STATUS: Postponed*
      5. 22 MCN 09 MOC Delay Removing TSW’s. *STATUS: Completed*.
3. **Updates**
   1. **NWW Updates**
      1. Upcoming maintenance/construction/research activities (previously coordinated MOC/MFRs).
         1. 22 LWG 08 MOC BPA Outage 500 kV line
         2. 22 LWG 04 MOC T1T2 Gasket Repair
         3. 22 LGS 08 MOC BPA Outage 500 kV line
         4. 20 LGS 16 MOC Powerhouse Roof Repair
         5. 22 LGS 06 MOC Powerhouse Roof Repair Additional Outage Update 07282020
         6. 22 LMN 06 MOC BPA Outage 500 kV line
         7. 22 LMN 01 MOC North Fish Ladder Debris Barrier- Scheduled for August
      2. McNary crane status.
   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. Outage 29 Aug-15 Sep
         3. 22BON009 MOC T11 BPA Outage.
         4. 22BON038 MOC Pre-Rock Removal Hydro Survey -
         5. 19TDA04 MOC Crane rail Replacement winter -
         6. 22TDA05 MOC Exit Boom Install. Planned for winter maintenance period
         7. 22TDA07 MOC Shed Placement at Westrick Park -
         8. 22TDA08 MOC East Ladder Weir 155 Rehab –
         9. 22TDA12 MOC Fish unit intake ROV
         10. 18JDA02 MOC Trash rack replacement. -
         11. 20JDA04 MOC STS crane replacement. -
         12. 22JDA03 MFR South Fish Turbine #2 OOS.
         13. 22JDA07 MOC Block Study Running SFL in Shad Mode for Ladder Cooling
      2. BON WA AWS adult salmon access
      3. TDA AWS debris management -
      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. OOS for entire year no money to repair.
      6. JDA spill bay 10.
      7. JDA SFL Temperatures.
   3. **NWS updates.**
   4. **Research/FFDRWG updates.** 
      1. **NWP FFDRWG.**
      2. **NWW** **FFDRWG. 25 August 2022**
      3. **SRWG**.
      4. **2022 Research and Access requests**
         1. BON Aqui-S long term solution. *-*
   5. **RCC update.**

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

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

* 1. **Fish Count Program update (Peery, Wertheimer)**.
     1. BON WDFW Tule counters.
  2. **Pinniped update** 
     1. Bonneville Dam.
     2. Willamette Falls.
  3. **Lamprey update** 
     1. BON LPS
     2. TDA
     3. JDA
     4. NWW
     5. Lamprey Accords Work Group (Macdonald).
  4. **BPA update**.
  5. **NWP/NWW Critical Fish Passage O&M needs**.
  6. **MOC/MFR tracking**
  7. **Avian updates (10:30)**
     1. NWW
     2. JDA
     3. TDA
     4. BON
     5. Estuary
     6. NEPA hazing

1. **Coordination/Notification forms (need concurrence/discussion)**
   1. **NWW**
      1. 22 LWG 10 MFR Adult Chinook Salmon Mortality
      2. 22 LGS 09 MFR Unit Priority Deviation from PH Roof Repair MOC
      3. 22 MCN 10 MFR Emergency Debris Spill
      4. 22 MCN 11 MFR Missed Sample Due to JCC Brush Failure
      5. 22 MCN 12 MFR Loss of Bays 20 and 21 Hoists
   2. **NWP**
      1. 22BON055 MFR High Forebay Operation
      2. 22BON056-073 MFRs for salmon/lamprey mortalities and gill net removals
      3. 22JDA10-11 MFRs mechanical trap mortality
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. PENDING Change Forms:
         1. 22BON003 - Channel Velocity (Derugin). Discussed at May and June FPOM. *Pending coordination between Conder and Derugin.*
      2. NEW Change Forms: NONE
3. **Task Group Updates.**
   1. Task Group Non-native piscivorous fish (Hausmann). [Documents / FPOM / 2021 / FPOM Task Groups (crohms.org)](https://pweb.crohms.org/tmt/documents/FPOM/2010/Task%20Groups/Task%20Group%20Non-native%20piscivorous%20fish/)
   2. Task Group Kelt Trigger (Wertheimer and Lorz). [Documents / FPOM / 2013 / FPOM Task Groups (crohms.org)](https://pweb.crohms.org/tmt/documents/FPOM/2010/Task%20Groups/Task%20Group%20TDA%20ITS%20operations/)
      1. Task Group meeting following August FPOM.
   3. Task Group Hazing NEPA (CRC and Schmidt). [Documents / FPOM Avian Task Group (crohms.org)](https://pweb.crohms.org/tmt/documents/FPOM/2010/Task%20Groups/Task%20Group%20Avian%20Hazing/).