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

14 July, 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 the June Meeting Minutes- (Mackey)**
2. **Action Items** 
   1. **NWW**
   2. **NWP**
      1. [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.
      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.
   3. **Completed Action Items or to be discussed later in the agenda**
      1. [June 22] Fish Count Program update (Peery, Wertheimer). **ACTION:** Bellerud will put together a draft summary of the fallback data for July FPOM. *STATUS: Summary will be presented to FPOM later in the agenda.*
      2. [June 22] Estuary Avian. **ACTION:** Krasnow will set up a work group for avian estuary actions. *STATUS: completed. Meeting held 30 June.*
      3. [June 22] Avian NEPA. **ACTION**: Madson will work with Schmidt to identify the cooperators and whomever would like to be included in a NEPA task group. *STATUS: Schmidt and Madson will begin to schedule out meetings with NEPA cooperators by the end of the month.*
      4. [June 22] 22BON003 - Channel Velocity. **ACTION:** Wright will contact Conder for comment. *STATUS: Conder’s comments added to Change Form 22BON003 - to be discussed later in the agenda.*
      5. [June 22] 22LGS005 - ASW Closure Criteria. **ACTION:** Swank will send the performance report out for review. *STATUS: Completed.*
3. **Updates**
   1. **NWW Updates**
      1. Upcoming maintenance/construction/research activities (previously coordinated MOC/MFRs).
         1. 22 MCN 09 MOC Delay Removing TSW's
         2. 21 IHR 15 MOC Unit 2 special generator testing. Work scheduled 15 Aug to 3 Sep.
         3. 22 IHR 05 MOC Diffuser #10 intake trash rack cleaning
         4. 22 LMN 01 MOC North Fish Ladder Debris Barrier- August.
         5. 22 LMN 07 MOC Spillbay Outage to Install Sensors
         6. 20 LGS 16 MOC Powerhouse Roof Repair-
         7. 22 LGS 06 MOC Powerhouse Roof Repair-
         8. 21 LWG 08 MOC Trash Rake Crane Replacement (May 2022).
      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. Moved outage to 29 Aug-15 Sep
         3. 22BON009 MOC T11 BPA Outage. Moved outage to 18 July-5 Aug
         4. 19TDA04 MOC Crane rail Replacement winter (on going work)
         5. 22TDA05 MOC Exit Boom Install. Planned for winter maintenance period
         6. 22TDA07 MOC Shed Placement at Westrick Park
         7. 22TDA08 MOC East Ladder Weir 155 Rehab
         8. 18JDA02 MOC Trash rack replacement.
         9. 20JDA04 MOC STS crane replacement. Design phase.
         10. 22JDA03 MFR South Fish Turbine #2 OOS.
      2. TDA AWS debris management
      3. 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.
      4. JDA north pump #4. OOS for entire year no money to repair.
      5. JDA spill bay 10.
      6. JDA SFL Temperatures.
   3. **NWS updates.**
   4. **Research/FFDRWG updates.** 
      1. **NWP FFDRWG.**
      2. **NWW FFDRWG.**
      3. **SRWG**.
      4. **2022 Research and Access requests**
         1. BON Aqui-S long term solution. *-* No major changes for researchers in 2022.
   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. LGR adult CH fallback (Bellerud)
  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**. Spreadsheet on the FPOM website.
  5. **NWP/NWW Critical Fish Passage O&M needs**. Spreadsheet on FPOM website.
  6. **Avian updates (10:30)**
     1. NWW
     2. JDA
     3. TDA
     4. BON
     5. Estuary
     6. Lethal Removal
     7. Ringold pelicans (Morrill/Wertheimer).

1. **Coordination/Notification forms (need concurrence/discussion)**
   1. **NWW**
      1. 22 LWG 08 MOC BPA Outage 500 kV line
      2. 22 LGS 08 MOC BPA Outage 500 kV line
      3. 22 LMN 06 MOC BPA Outage 500 kV line
      4. 22 IHR 06 MFR Date Change Condition Monitoring
      5. 22 IHR 07 MOC Fish Release Pipe Install Outage and Unit 3 Turbine Testing
      6. 22 LGS 07 Orifice Plug Fish Mortality
      7. 22 LWG 04 MOC T1T2 Gasket Repair
      8. 22 LWG 06 MFR Emergency Debris Spill
      9. 22 LWG 07 MFR VBS Screen Damage
      10. 22 LWG 09 MFR Adult Chinook salmon Mortalities
      11. 22 JFT 02 MFR Release Collected Fish at Lower Monumental Dam
      12. 22 JFT 03 MFR Release Collected Fish at Lower Granite Dam
   2. **NWP**
      1. 22BON027 PH1 Forebay Gill Net Removal
      2. 22BON028 - 037 MFRs for fish morts
      3. 22BON038 MOC Pre-Rock Removal Hydro Survey
      4. 22TDA10 MFR Fish unit shutdown
      5. 22TDA11 MFR Spillbay 14 OOS
      6. 22TDA12 MOC Fish unit intake ROV
      7. 22JDA07 MOC Block Study Running SFL in Shad Mode for Ladder Cooling
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. *Conder’s comments added June 9. Derugin to follow up with him.*
         2. 22LGS004 - ASW Crest Elevation (NWW). Discussed at June FPOM. *Lorz wants to add a high flow threshold (>120 kcfs) to keep ASW at 618 ft. Conder wants to keep as originally proposed and adjust with forebay regardless of flows. Approved as originally proposed and pending more discussion on whether to add a high flow threshold.*
         3. 22MCN005 – Reduced Auto Operation of Spillway Hoists & Cranes (Peery). Discussed at June FPOM. *Revised by Laughery to add a table for July/Aug. Reposted July 7.*
      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 July FPOM. Surface passage routes for kelts at B2CC and The Dalles IT sluiceway.
   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/)