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

09 June, 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 May Meeting Minutes (Peery/Mackey)**
2. **Action Items** 
   1. **NWW** 
      1. [May 22] 20 LGS 16 MOC Powerhouse Roof Repair. Bettin asked about the schedule, he would like to do a field trip. **ACTION:**Peery will get an updated schedule to Bettin.
      2. [May 22] Fish Count Program update. **ACTION:** Peery will check on the issue with jack counts.
   2. **NWP**
      1. [May 22] Tule Counters. **ACTION:** ODFW/WDFW to send “in person” or remote count preference to Wertheimer.
      2. [May 22] NWP/NWW Critical Fish Passage O&M needs. No changes in ranking but there is an added item for BON. **ACTION**: FPOM Take a look at additional item and send Tammy the ranking before the June FPOM meeting.
      3. [May 22] Review of TDA Avian update 2020-2022 graph. **ACTION**: Cordie will try to get an end of May-early June DCCO nest count at the towers.
3. **Completed Action Items or to be discussed later in the agenda**
   * 1. [Apr 22] 22 LWG 04 MOC T1T2 Gasket Repair. [May 22] **ACTION:** Peery to consider month of October and review impacts, check on suggestions to spill change, and look through the record for actions done on T1/T2. *STATUS: Completed.* Peery reported findings via e-mail.
     2. [May 22] 22 LWG 05 MFR T1 Oil Fill – Completed. Morrill asked how much oil level dropped since fill. **ACTION:** Peery will check on oil level and report back at the June FPOM. *STATUS: Complete*. Peery reported via e-mail that oil level dropped 2”.
4. **Updates**
   1. **NWW Updates**
      1. Upcoming maintenance/construction/research activities (previously coordinated MOC/MFRs).
         1. 20 LGS 16 MOC Powerhouse Roof Repair. 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. Cranes 6 and 7 are back in operation. Hoist 6 is still OOS. June is still the estimated RTS date.
         4. 22 LMN 01 MOC North Fish Ladder Debris Barrier- Installation pushed out to August.
         5. 21 IHR 15 MOC Unit 2 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. Moved outage to 29 Aug-15 Sep.
         3. 22BON007 MOC U14/15 OOS for B2FGE testing.
         4. 22BON009 MOC T11 BPA Outage. Moved outage to 18 July-5 Aug.
         5. 22BON011 MOC Validation Testing (Revised)
         6. 19TDA04 MOC Crane rail Replacement winter (on going work).
         7. 22TDA05 MOC Exit Boom Install. Postponed to winter maintenance period.
         8. 18JDA02 MOC Trash rack replacement.
         9. 20JDA04 MOC STS crane replacement.
         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. Will still need to be operated manually.
      6. JDA SFL Temperatures
   3. **NWS (Seattle) 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. **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**. No changes for June FPOM.
  6. **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 (Morrill/Wertheimer).

1. **Coordination/Notification forms (need concurrence/discussion)**
   1. **NWW**
      1. 22 LWG 04 MOC T1T2 Gasket Repair
      2. 22 LMN 05 MFR Spillway Gate 7 Coupler
      3. 22 LMN 08 MFR Spillway Gate 5
      4. 22 LGS 05 MFR Juvenile Salmonid Mortality During Barge Loading
      5. 22 LGS 06 MOC Powerhouse Roof Repair Additional Outage
      6. 22 MCN 05 MFR Spill pattern adjust to inspect hoists
      7. 22 MCN 06 MFR Spillbay 15 hoist OOS
      8. 22 MCN 07 MFR Spillbay 15 Troubleshooting
      9. 22 MCN 08 Washington shore count station cleaning
      10. 22 MCN 09 MOC Delay Removing TSW's
      11. 22 JFT 01 Release Collected Fish at Lower Monumental Dam
   2. **NWP**
      1. 22BON012 MFR U15 Bulkhead Smolt Salmonid Morts
      2. 22BON013 MFR Bradford Island LPS Outage
      3. 22BON014 MFR Emergency WA Shore LPS Dewatering with AAR
      4. 22BON015 MFR PH2 Unit Operation and Increased Spill
      5. 22BON016 MFR LFS Mortalities
      6. 22TDA06 MFR East ladder 155 weir
      7. 22TDA07 MOC Shed Placement at Westrick Park
      8. 22TDA08 MOC East Ladder Weir 155 Rehab
      9. 22TDA09 MFR Gatewell 9-1 mort
      10. 22JDA05 MFR MU12B Orifice Gate Broken
      11. 22JDA06 MFR MU-1 Temporarily Taken Offline (STS Camera Stuck)
      12. 22JDA07 MOC Block Study Running SFL in Shad Mode for Ladder Cooling
      13. 22JDA08 MFR South Fish Turbine #1 Temporarily out of service
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 FPOM. Conder wants more time to review. Mackey asked if the project could just crank the flow meter out of the ladder when not in use. Derugin said that’s a possibility, but he still has concerns with maintenance of the clunky old meters that can catch debris. PENDING more review and discussion at June FPOM.
      2. NEW Change Forms:
         1. 22LGS004 - ASW Crest Elevation (NWW)
         2. 22LGS005 - ASW Closure Criteria (NWW)
         3. 22MCN005 – Reduced Auto Operation of Spillway Hoists & Cranes
      3. Turbine operating tables – updated by HDC. Recalculating efficiency of turbines based on better methodology. (Mrozek)
3. **Task Group Updates.**
   1. Task Group Kelt Trigger (Wertheimer and Lorz).
      1. Task Group meeting following July FPOM.