**Fish Passage Operation and Maintenance (FPOM) Team**

**DRAFT Agenda for 10 August at 0900**

**Meeting location will be in the BON Auditorium.**

Acoustics in the Auditorium Training Room are less than idea for conference calls, however, you may still join virtually using the information below.

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. **Attendance, Agenda changes, Approval of July meeting minutes. (Peery)**
2. **Action Items**
   1. **NWW**
      1. [July 23] FPP memo reporting. **ACTION:** Conder will talk with Peery and Mackey to discuss potential reorganization of the weekly reports.
      2. [May 23] LWG tailwater. **ACTION:** Peery will set up a meeting in a week or two so the work group team can get into the details and work towards a reasonable solution. Interested parties should email Peery to be included in this work group. *STATUS:*
      3. [May 23] LGS GBT. **ACTION:** Peery will work with SMP and Conder to develop the plan for spot checks. There are morts but the rate of mortality isn’t alarmingly high since the collection is high. *STATUS:*
   2. **NWP**
      1. [June 23] TDA Fishing Boundary. The main concern is that the line is not entirely clear, and anglers are coming within 100’ of the east fishway exit. **ACTION:** Morrill and Cordie will work on a memo outlining the recommendation for a line straight across. Lorz is waiting to hear back from his TAC rep.
   3. **Completed Action Items or to be discussed later in the agenda.**
      1. [June 23] TDA temperature collection. *STATUS: discussed under 3.2.5.*
      2. [July 23] Invasive species removal language. Will be an FPP change form. **ACTION:** Cordie will draft initial language for the change form. *STATUS: covered under 5.3.*
      3. [May 23] Pelican hazing in the estuary and at the dams. ***STATUS:*** *NWP projects are hazing pelicans.*
3. **Updates**
   1. **NWW Updates**
      1. Upcoming coordinated maintenance/construction/research activities.
         1. 22 LWG 04 MOC T1T2 Gasket Repair. New dates Nov 28-Jan 31. Will work on T1C first and then T1B.
         2. 23 LGS Unit 5 Commissioning. Having issues with the temperature sensor. Postponed to Fall/Winter 2023
         3. Little Goose Fishway Cooling Pump Repair/Replace
      2. MCN crane status. Cranes 6 and 7 have performed two engineered lifts and cannot be used again this year.
         1. Scope of Work for Physical Modeling
      3. LWG tailwater monitors/LGS pool levels.
      4. JFF early start.
      5. Fish Transport program.
   2. **NWP Updates** Please note – spillway updates will be provided in a presentation in September.
      1. Upcoming coordinated maintenance/construction/research activities.
         1. 1BON001 MOC Navigation Lock 1 Bridge Replacement**.**  No FPP conflict. Work may not begin for many years.
         2. 23BON002 ITS end gate replacement. Installation is still expected for October.
         3. 23BON003 T11 outage.
         4. BON FGE **–** Units 11 and 18 Scheduled from 30 Nov – 28 March. Expected completion is December 2023.
         5. 19TDA04 MOC – East side powerhouse crane rails. Next step is to replace the crane in the spring. Work is expected to be complete in the fall. The work will occur at the east end of the powerhouse, more than 100’ from the fishway exit.
         6. 18JDA02 MOC Trash rack replacement. MU16 done. Next update – fall 2023. Still working on the contract.
         7. 20JDA04 MOC STS crane replacement. In the fabrication portion of the contract. Construction will start next June, commissioning to occur at the end of summer 2024.
         8. 22JDA20 MFR JDA-S Temps. Still accepting comments. Plan is to collect data this season. Arrays are deployed in the ladders and in the forebay.
         9. 23JDA03-05 JDA-S fish turbine pumps 2 and 3 operating at reduced output. Parts for pump 3 should arrive soon and work will begin in mid-August.
      2. BON Aqui-S. Draft NPDES general permit, and the supporting fact sheet addendum, are available for review at <https://www.epa.gov/npdes-permits/npdes-general-permit-federal-aquaculture-facilities-and-aquaculture-facilities-located>
      3. Wasco PUD smolt condition monitoring. Monitoring concluded for the season.
      4. JDA north pump #4. Budget request has been submitted. No funding received yet.
      5. NWP Temp reporting.
   3. **NWS updates.**
   4. **Research/FFDRWG**
      1. SRWG.
      2. NWP FFDRWG. Combined meeting held on 8 August.
         1. TDA AWS debris management. Final Report - 9/29
         2. BON ITS PIT detection.
         3. BON B2FGE – Everything on schedule. U13 will be OOS from August – September and U12 from September – October.
      3. NWW FFDRWG. Will be combined with NWP for the August meeting.
   5. **RCC update.**

**Table 1. RCC FPOM flow 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** |  |  |  |  |

Project Data: [https://pweb.crohms.org/report/projdata.htm](https://pweb.crohms.org/report/projdata.htmN) NWRFC Inflow Forecasts: <https://www.nwrfc.noaa.gov/rfc/>

* 1. **Fish Count Program** (Peery, Wertheimer).
  2. **Avian updates (10:30).**
     1. NWW.
     2. NWP Avian EA/NEPA (Environmental Branch).
     3. JDA.
     4. TDA.
     5. BON.
     6. Estuary. Reports are available at [Documents / FPOM Avian Hazing Task Group (crohms.org)](https://pweb.crohms.org/tmt/documents/FPOM/2010/Task%20Groups/Task%20Group%20Avian%20Hazing/)
        1. ESI.
        2. Rice Island.
        3. Miller Sands.
        4. Pillar Islands.
        5. FPOM would like an update on the Astoria Megler bridge at the next FPOM meeting.
  3. **Pinniped update.** 
     1. BON.
     2. Willamette Falls.
  4. **Lamprey update** 
     1. BON.
     2. TDA.
     3. JDA.
        1. JDA-N elevator
     4. NWW.
     5. LAWG. Meeting was on 2 August at the TDA Westrick Room.
  5. **BPA Update.** Schedule available on the FPOM website.
  6. **Budget Updates.**
     1. NWP/NWW Critical Fish Passage O&M needs. Spreadsheet is available on the FPOM website in the August 2023 meeting folder.

1. **Coordination/Notification forms (need concurrence/discussion)**
   1. NWW
      1. 23MCN09 MFR Spillbay 20 Closure
      2. 23MCN10 MFR Spillgate Dogging Mechanisms
      3. 23IHR07 MOC Unit 3 Biological Testing
      4. 23LGS11 MFR Chinook Mortality
   2. NWP
      1. 23NWP01MFR temp reporting
      2. 23BON024 MOC Old Navlock Dredge Placement.
      3. 23BON038-47 and 49-76 MFRs – mort memos
      4. 23BON048 MFR Temp Monitoring System Failure.
      5. 23BON077 MOC Spillway Rock Hydro survey
      6. 23TDA04-10 MFRs – mort memos
      7. 23TDA11 MOC TDA-E diffuser repair
      8. 23JDA26 MFR Pelican foraging at SFL entrances
      9. 23JDA27-29, 31 MFRs mort memos
      10. 23JDA30 MFR STS Crane OOS
2. **Fish Passage Plan** 
   1. The Final 2023 FPP went into effect on March 1 and is posted at: [pweb.crohms.org/tmt/documents/fpp/2023/](https://pweb.crohms.org/tmt/documents/fpp/2023/)
   2. Pending Change Forms: no new or pending change forms.
   3. Invasive species removal language. No change form yet, but includes the removal of invasive species during dewatering activities.
3. **Task Group Updates.** 
   1. Schedule falconry discussion (Peery/Morrill). This group will look at what was learned through the use of falconry this year and last year and how it might be beneficial to MCN in 2024.
   2. MCN TSW operation in the summer (Peery). Look at biological and model data to determine an appropriate operation of the TSWs in the summer.
4. August FPOM will be held at BON for the annual FPOM BBQ. Meeting in the Auditorium training room, BBQ at Robin’s Island.