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

**DRAFT Agenda for 14 September at 0900**

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 August meeting minutes. (Peery)**
2. **Action Items**
   1. **NWW**
      1. [Aug 23] LGS Fishway Cooling Pump Repair/Replace. **ACTION:** Peery to provide the pump specs to FPOM.
   2. **NWP – no action items (I know, I’m surprised too)**
   3. **Completed Action Items or to be discussed later in the agenda.**
      1. [July 23] NWP/NWW Critical Fish Passage O&M needs. Spreadsheet is available on the FPOM website in the August 2023 meeting folder. Mackey said there are no changes from last month. **ACTION:** Mackey and Peery will send a formal email to NOAA with the current spreadsheet to meet BiOp requirements. ***STATUS:*** *email sent by Studebaker at NWD.*
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. No changes.
         2. 23 LGS Unit 5 Commissioning. Postponed to Fall/Winter 2023.
         3. LGS Fishway Cooling Pump Repair/Replace.
         4. 23LMN09 Unit 4 testing. Completed 30-31 August.
         5. 23IHR07 MOC Unit 3 Biological Testing. 21 Sep – 2 Oct. Overshoot spill on Mon, Thur, Sat.
         6. 23IHR09 MOC Unit 3 Exciter testing. Completed 28 August.
      2. MCN crane status. Cranes 6 and 7 have performed two engineered lifts and cannot be used again this year.
      3. MCN ERDC Model.
      4. LWG tailwater monitors/LGS pool levels.
      5. JFF early start.
      6. Fish Transport program.
   2. **NWP Updates**
      1. Upcoming coordinated maintenance/construction/research activities.
         1. 19BON001 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. Still on track.
         4. BON FGE **–** Units 11 and 18 Scheduled from 30 Nov – 28 March. Expected completion is December 2023. On schedule. The gatewell dipping basket has been working great.
         5. 23BON077 MOC Spillway Rock Removal Hydrosurvey results.
         6. 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. No changes.
         7. 18JDA02 MOC Trash rack replacement. MU16 done. Next update – fall 2023. Still working on the contract. No changes.
         8. 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. No changes. No unit outages needed.
         9. 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. Collecting data and will include in the annual report.
         10. 23JDA03-05 JDA -S fish turbine pumps 1 and 2 operating at reduced output 55 rpms, 3 oos for gearbox repair.
      2. **NWP ROV inspection results**
         1. BON ROV inspection results (23BON083)
         2. TDA
         3. JDA
      3. BON Aqui-S. <https://www.epa.gov/npdes-permits/npdes-general-permit-federal-aquaculture-facilities-and-aquaculture-facilities-located>
      4. BON Units tripping offline (23BON079-81 and 23BON84)
      5. JDA Gatewell mortalities (23JDA33-35)
      6. JDA north pump #4. Budget request has been submitted. No funding received yet. No update.
   3. **NWS updates.**
   4. **Research/FFDRWG**
      1. SRWG.
      2. NWP/NWW FFDRWG.
   5. **RCC update.**

**Table 1. RCC FPOM flow forecast.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Project** | **Previous Day Avg. 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. **BPA Update.** Schedule available on the FPOM website.
  3. **Pinniped update.** 
     1. BON.
     2. Willamette Falls.
  4. **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. Astoria Megler Bridge (ODFW)
  5. **Lamprey update** 
     1. BON.
     2. TDA.
     3. JDA.
        1. JDA-N elevator.
     4. NWW.
     5. LAWG.
  6. **Budget and Infrastructure Updates.**
     1. NWP/NWW Critical Fish Passage O&M needs.
     2. NWP Spillway presentations

1. **Coordination/Notification forms (need concurrence/discussion)**
   1. NWW
      1. 23LMN08 MFR Spillbay 5 OOS
      2. 23LMN09 MOC Unit 4 Testing
      3. 23LMN10 MOC T2 Commissioning and Load Testing
      4. 23LWG10 MFR AWS Pump 3 OOS
   2. NWP
      1. 23BON085 – 091 MFRs mort memos
      2. 23JDA36 MFR SFL mort
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. New Change Forms:
      1. Change forms for MCN, IHR, LMN, LGS, and LWG to change the surface spill start date to 1-SEP.
   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. Meeting will be scheduled after TDA provides an update on their falconry results.
   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. Waiting on data before scheduling a meeting.