Fish Passage Operation and Maintenance (FPOM) Team meeting Agenda

11 February 2021 0900-1200

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. **Approve January Meeting Minutes (Peery hosting)**

1. **Action Items**
   1. **NWW**
   2. **NWP**
      1. **[August 20] TDA Turbine Dewater Sturgeon SOP (6’ and greater) -** ACTION:

We will have a more detailed discussion once SOPs from the Project Bios for removal and/or leave fish in place are developed.

* + 1. **[December 20] 18JDA02 MOC Trash rack replacement**. *Jon R: Will leading edges be rounded?* ACTION: Fielding will determine leading edges will be rounded and report back in February.
    2. **[December 20] 20TDA14 MFR Fish Unit 2 oil spill.** ACTION: Hausmann and Cordie will provide information about their prospective oil accountability programs for posting to the FPOM website.
  1. **Completed Action Items or to be discussed later in the agenda**
     1. **20IHR08 MOC Floating Guide wall Cable Replacement.**
     2. **20LGS16 MOC Powerhouse Roof Repair.**
     3. **[December 20] TDA Sluiceway cover.** ACTION: Cordie will send photos of sluiceway cover. *Update: Cover has been installed. Pictures emailed to FPOM.*
     4. **[January 21] TDA Ice Trach Sluiceway operations for 15 Mile Creek Steelhead.** Action: Bellerud & Cordie will Co-chair a new Task Group. Cordie will reach out to Derrek Faber (ODFW) to see if he’ll join Task Group.  *STATUS: Meeting occurred on 4 February.*
     5. **[November 20] TDA East Exit boundary**. Cordie – wants to move the BRZ away from the new AWS intake to prevent fishing boat entrainment. Waiting on Morrill to look at the regulations. Morrill said he is aware but was not able to follow up last month. ACTION: Morrill will review the WA regulation and report to FPOM.  *STATUS: discussed under NWP updates.*
     6. **[December 20] BON ITS gate** – Conder wants to see the 30% design and provide comments at there is PIT detection associated with this action. ACTION: Hausmann will find out if work can be done during the in-water work window and try to coordinate FPOM reps attendance of PDT meeting. *STATUS: Discussion regarding the ITS work will occur at the February FPOM meeting.*
     7. **[December 20] BON WA SH serpentine PIT antennas -** ACTION: Warf will coordinate PIT antenna install and additional dewatering with Hausmann. *STATUS: Antennas installed and accepted by Project Fisheries. Electric will follow on.*

1. **Updates**
   1. **NWW**
      1. McNary steelhead overshoot study to Updates
      2. Upcoming maintenance/construction/research activities.
         1. 20IHR08 MOC Floating Guide wall Cable Replacement
      3. **Invasive species discussion (Peery).**
      4. NWW winter maintenance and dewatering activities
   2. **NWP**
      1. Upcoming maintenance/construction/research activities.
         1. 15TDA08 MOC Transformer Installation.
         2. 18TDA03 MOC Transportation Channel Partial Grating Coverage
         3. 19TDA04 MOC Crane rail Replacement winter (20/21)
         4. 20TDA10 MOC PUD Smolt Bypass Extended Outage
         5. 18JDA02 MOC Trash rack replacement.
         6. 20JDA04 MOC STS crane replacement.
         7. 20JDA14 MOC Line 1 outage – BPA transmission work.
         8. 21BON002 MOC Spillway B-branch attraction water outage for rock removal
         9. 21 BON 001 MOC Navigation Lock 1 (old navlock) Bridge Replacement (Trachtenbarg)scheduled for CY2023**.**
      2. BON Cascade Island PIT.
      3. BON WA SH serpentine PIT antennas.
      4. BON Aqui-S update.
      5. TDA AWS trash rack.
      6. TDA Sluiceway cover. Pictures of compete cover emailed to FPOM by McClain on 2/4/2021.
      7. TDA East Exit boundary.
      8. TDA trunnion pin. Via email from Michael S Colesar, on 1/28/2021 “Gate 9 trunnion would be part of a larger project to completely rehab Gates 1-9. SAP shows Start in 2031, Construction 2034”
      9. JDA north pumps (#4 out).
      10. JDA spill bay 10.
      11. NWP winter maintenance and dewater
          1. JDA.
          2. TDA.
          3. BON.
   3. **NWS (Seattle)**.
   4. **Research/FFDRWG updates.** <http://pweb.crohms.org/tmt/documents/FPOM/2010/FFDRWG/FFDRWG.html>
      1. **NWP FFDRWG.**
      2. **NWW FFDRWG.**
   5. **RCC update**

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| **Project** | **Previous Day (12/09) Average Outflow (kcfs)** | **5 Day (12/14) Forecasted Inflow (kcfs)** | **10 Day (12/19) Forecasted Inflow (kcfs)** | **Forecasted Inflow Low/High (kcfs) and Date.** |
| **LWG** |  |  |  |  |
| **MCN** |  |  |  |  |
| **BON** |  |  |  |  |

**Table 1. River Control Center flow forecast.**

* + 1. **Chum operation.**
  1. **BPA update.**
  2. **Fish Count Program update (Peery, Wertheimer).**
  3. **Pinniped update** 
     1. **BON.**
     2. **Willamette Falls.**
  4. **Lamprey update**
  5. **BON ITS. (10:00)** Artem Kuryachy (PDT) will discuss the events and timeline needed to get the ITS gates reinstalled.
  6. **Avian updates (10:30)**
     1. **NWW**
     2. **JDA**
     3. **TDA**
     4. **BON**
     5. **Estuary**
  7. **Early Juvenile by-pass start** **up**
     1. JDA plan for early start and SMF operation.
  8. Dam angling and retention of non-native predators (Lorz requested update)

1. **Coordination/Notification forms (need concurrence/discussion)**
   1. **20 MCN 17 MOC T1 Oil Leak Repair**. Peery - was to occur in August but was delayed to match with outage needed for updating the transformers. Now trying to coordinate so those outages can occur at the same time. Leak repair & transformer updates will be taking place at all units, MOC was for shutting down U1 and U2 out of priority. This work will occur in July or August and go through the winter. There will be updates to the MOC, trying to maintain outage window of August but it might be shifted or extended. **Pending**.
   2. **21 MCN 01 MFR JFF Early Start Delay**
   3. **21 LMN 01 MFR Orifice Gallery Juvenile Mortalities**
   4. **20 JDA 21 MOC COVID-19 Daytime condition sampling proposal (Fielding)**
2. **Fish Passage Plan:** The 2021 FPP goes into effect March 1. Drafts and change forms are available online at: <http://pweb.crohms.org/tmt/documents/fpp/2021/changes/>
   1. **Pending Change Forms:** 
      1. 21MCN002 – Spill Pattern Change (Gersbach, Peery). Revised per FPOM recommendations at the FPP meeting.
      2. 21LGS003 – Unit 1 Special Op & Unit 6 Priority (Wright). Coordinated in-season for 2020; should we include in the 2021 FPP or manage in-season?
      3. 21LGS004 - ASW Crest During 30% Spill (Wright). Coordinated in-season for 2020; should we include in the 2021 FPP or manage in-season?
      4. 21LWG004 – RSW Operation in August (Wright). Coordinated in-season for 2020; should we include in the 2021 FPP or manage in-season?
      5. 21AppA001 – Doble Testing (Peery, Wright). Peery looking into whether LMN can delay T1 outage until August 1 or later.
      6. 21AppL001 – Predator Plans (Mackey). Revised per FPOM recommendations at the FPP meeting.
   2. **New Change Forms:** 
      1. 21BON001 – Temperature Monitor Locations (Derugin). Posted 2-FEB.
   3. **2021 FPP Production Schedule and Deadlines.**

* Friday, Feb 12, 2021 – LAST DAY to include approved FPP Change Forms and Appendix A submissions in the print version of the 2021 FPP.
* By no later than Monday, Feb 22, 2021 – Final 2021 FPP available for download online @ <http://pweb.crohms.org/tmt/documents/fpp/2021>.
* Monday, March 1, 2021 – start date of 2021 FPP. Print versions will be sent to staff that implement FPP operations (projects and BPA duty schedulers).

1. **Task Group Updates.**
   1. Avian Task Group meeting (Cordie)
      1. <http://pweb.crohms.org/tmt/documents/FPOM/2010/Task%20Groups/Task%20Group%20Avian%20Hazing/>
   2. Task Group Condition Monitoring (Lorz & Sullivan)
      1. <http://pweb.crohms.org/tmt/documents/FPOM/2010/Task%20Groups/Task%20Group%20Condition%20Monitoring/>
   3. Task Group 15 Mile Steelhead Overshoots, TDA ITS operation dates. (Bellerud)
      1. <http://pweb.crohms.org/tmt/documents/FPOM/2010/Task%20Groups/Task%20Group%20TDA%20ITS%20operations/>