

Fish Passage Operation and Maintenance (FPOM) Team meeting Agenda
8 April 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 March Meeting Minutes

2. Action Items

2.1. NWW

- 2.1.1. [March 21] McNary steelhead overshoot study – waiting on results. ACTION: Peery will share.
- 2.1.2. [March 21] Little Goose count station modifications to reduce entrained air. ACTION: Peery will take to FFDRWG.
- 2.1.3. [March 21] McNary juvenile fish facility late start. ACTION: Griffith will take request for early start in 2022 back to Project, Bobby Johnson (MCN).
- 2.1.4. [March 21] 21 LGS 01 MOC Unit Priority Change to Facilitate Debris Removal. ACTION: Peery will report back to FPOM next month about path to re-design of debris boom.

2.2. NWP

- 2.2.1. [February 21] CI PIT tag antennae electrical work. ACTION: Hausmann will let Warf know when that work will be completed so PITAGIS can be on-site to assist as needed. All above water work now. Waiting on funding to finish this job. Warf asked if there was any idea when funding will come through? Hausmann will check today with funding folks.
- 2.2.2. [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. Update: Cordie provided PowerPoint showing cross section of turbine relative to tailwater levels and posted it to the FPOM website. Van Dyke will look at .ppt and get back to Cordie with any questions.
- 2.2.3. TDA East Exit boundary. Morrill will visit after 2nd COVID-19 vaccine and decide where boundary line should be.

2.3. Completed Action Items or to be discussed later in the agenda

- 2.3.1. [March 21] 21 LWG 01 MOC Unit Exciter Testing (Peery) Worked on Units 2 & 3, was scheduled 15-18th of March, out of priority. Status: *Approved last FPOM.*

3. Updates

3.1. NWW

- 3.1.1. Upcoming maintenance/construction/research activities.
 - 3.1.1.1. McNary steelhead overshoot study
 - 3.1.1.2. McNary spillway crane repairs
- 3.1.2. 20 MCN 17 MOC T1 Oil Leak Repair. Still pending. Waiting to hear if gasket repair can occur at the same time as the Doble testing and BPA work. Work to occur in August.
- 3.1.3. Little Goose transformer replacement.
- 3.1.4. Ice Harbor trash rake replacement/repair

- 3.1.5. Invasive species discussion.**
 - 3.1.5.1. Juvenile shad removal from samples (Peery)**
 - 3.1.5.2. Walleye collection at Lower Granite (Ebel)**
- 3.1.6. NWW start of fish passage season water up of fishways.**
 - 3.1.6.1. Lower Granite early start summary**
 - 3.1.6.2. McNary juvenile fish facility**

3.2. NWP

- 3.2.1. Upcoming maintenance/construction/research activities.**
 - 3.2.1.1. 21 BON 001 MOC Navigation Lock 1 (old navlock) Bridge Replacement (Trachtenbarg) scheduled for CY2023.**
 - 3.2.1.2. 15TDA08 MOC Transformer Installation.**
 - 3.2.1.3. 18TDA03 MOC Transportation Channel Partial Grating Coverage**
 - 3.2.1.4. 19TDA04 MOC Crane rail Replacement winter (20/21)**
 - 3.2.1.5. 20TDA10 MOC PUD Smolt Bypass Extended Outage**
 - 3.2.1.6. 18JDA02 MOC Trash rack replacement.**
 - 3.2.1.7. 20JDA04 MOC STS crane replacement.**
- 3.2.2. BON Cascade Island PIT tag antenna completion.**
- 3.2.3. BON Aqui-S update.**
- 3.2.4. BON ITS Gate**
- 3.2.5. TDA AWS trash rack.**
- 3.2.6. TDA East Exit boundary. 3/11/21 Morrill will visit after 2nd COVID-19 vaccine and decide where boundary line should be.**
- 3.2.7. 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”**
- 3.2.8. JDA north pumps.**
- 3.2.9. JDA spill bay 10.**
- 3.2.10. JDA elevator #4**
- 3.2.11. JDA-N spillway ladder**

3.3. NWS (Seattle).

3.4. Research/FFDRWG updates.

<http://pweb.crohms.org/tmt/documents/FPOM/2010/FFDRWG/FFDRWG.html>

3.4.1. NWP FFDRWG.

3.4.2. NWW FFDRWG. April 28, 2021

3.5. RCC update

Project	Previous Day Average Outflow (kcfs)	5 Day Forecasted Inflow (kcfs)	10 Day Forecasted Inflow (kcfs)	Forecasted Inflow Low/High (kcfs)
LWG				
MCN				
BON				

Table 1. NOAA Northwest River Forecast Center inflow forecast.

- 3.6. BPA update.
- 3.7. Fish Count Program update (Peery, Wertheimer).
- 3.8. Pinniped update
 - 3.8.1. Bonneville Dam
 - 3.8.2. Willamette Falls
- 3.9. Lamprey update
- 3.10. Avian updates (10:30)
 - 3.10.1. NWW
 - 3.10.2. JDA
 - 3.10.3. TDA
 - 3.10.4. BON
 - 3.10.4.1. Spillway avian lines
 - 3.10.5. Estuary
- 4. Coordination/Notification forms (need concurrence/discussion)
 - 4.1. 21 LGS 01 MOC Unit Priority Change to Facilitate Debris Removal
 - 4.2. 21 LGS 02 MFR T2 Transformer Outage
 - 4.3. 21 LGS 03 MOC Unit Outage for T2 Inspection
 - 4.4. 21 LGS 04 MFR Unit priority
 - 4.5. 21 IHR 02 MFR Unit 5 Reactive Limit Testing
 - 4.6. 21 IHR 03 MFR Line 1 Forced Outage
 - 4.7. 21 IHR 04 MOC Unit 2 Index Testing
 - 4.8. 21 IHR 05 MFR Unit Trash Rack Problems
 - 4.9. 21 BON 005 MFR B2CC Closure for avian line re-install
 - 4.10. 21 TDA 04 MFR Steelhead Adult Mortalities in Navlock Dewatering
 - 4.11. 21 JDA 03 MFR South Fish Turbine #3 out then back to service
- 5. Fish Passage Plan: The 2021 FPP went into effect March 1 and is available online at: <http://pweb.crohms.org/tmt/documents/fpp/2021/>
 - 5.1. New Change Forms:
 - 5.1.1. 21BON003 – PH2 Mid-Range Criteria (Bettin)
 - 5.1.2. 21JDA004 – Final Unit 10 Operating Range (Wright)
 - 5.1.3. 21MCN005 – Corrected Table MCN-7 (Wright)
- 6. Task Group Updates.
 - 6.1. Avian Task Group meeting (Cordie)
 - 6.1.1. <http://pweb.crohms.org/tmt/documents/FPOM/2010/Task%20Groups/Task%20Group%20Avian%20Hazing/>

6.2. Task Group Condition Monitoring (Lorz & Sullivan)

6.2.1.<http://pweb.crohms.org/tmt/documents/FPOM/2010/Task%20Groups/Task%20Group%20Condition%20Monitoring/>

6.2.1.1. Condor requested a LMN condition monitoring meeting, scheduled for 4/15.

6.3. Task Group 15 Mile Steelhead Overshoots, TDA ITS operation dates. (Bellerud)

6.3.1.<http://pweb.crohms.org/tmt/documents/FPOM/2010/Task%20Groups/Task%20Group%20TDA%20ITS%20operations/>