Fish Passage Operation and Maintenance (FPOM) Team meeting

09 July 2020 09:00-2:00

Conference Call

**Conference line: 888-675-2535** **Access/Security code: 4849586 Attendee ID: 455**

**Webex meeting:** <http://usace.webex.com/meet/tammy.m.mackey>

Documents may be found at: <http://pweb.crohms.org/tmt/documents/FPOM/2010/>

1. **Approve June Meeting Minutes (Mackey)** –

1. **Action Items**
   1. **NWW**
      1. **[June 20]MCN TSW removal -** ACTION: NWW will come up with a proposal based on sub yearling data and project capability for FPOM to review.
   2. **NWP**
      1. **[March 20] BON AFF -** ACTION: Hausmann will look into a fix for fish holding in the non-sample exit pipe.*Status: No update. They are still pursuing the idea but there aren’t enough people at work to do something about it. Conder thinks that the Whooshh tube material would work great.**Hausmann asked what the material is but it is not known. Conder will ask for a sample. Hausmann asked for clarification if NOAA wants the main pipe or just the exit pipe coated with a slick material. The exit pipe is the main concern.*
      2. **[June 20] BON Hydro Survey -** ACTION: Kovalchuk will consult with Ebner about potential spill bay modifications.
   3. **Completed Action Items or to be discussed later in the agenda**
      1. **[May 20] 20JDA05 MOC Spill bay 10 repair** - Van Dyke asked which pattern would be used during that week. ACTION: Fielding will send more information about the proposed spill pattern during the outage. *Status: No information was sent out but the spill was spread out over the other gates. The gate should be fixed by 18 June.*
      2. **[May 20] BON PH1 ITS endgate -** ACTION: Derugin will get back to FPOM with more cost details. Status: The gate received funding at the Capital Work Group meeting.
      3. **[June 20] BON ROV Survey –** ACTION: Hausmann will write an MOC for FPOM review. *Status: Completed*.
      4. **[June 20] 20JDA06 MOC Line 1 Outage** **Bushing replacement** - ACTION: Fielding will track down data when units 1-4 were off and there was no additional attraction on the north and update the MOC. See Coordination/Notification section.
2. **Updates**
   1. **NWW**
      1. Upcoming maintenance/construction/research activities.
         1. FPOM outages schedule (Setter)
         2. Doble Testing July 20-26 IHR
         3. Turbine oil replacement U4-6 IHR July 20-Aug 15
         4. Doble testing at LGS July 27&Aug 6-all units OOS; Unit 4 at SNL for station service during July 27-Aug 6
      2. LWG Adult Trap operation (Ebel)
   2. **NWP**
      1. Upcoming maintenance/construction/research activities.
         1. 20BON16 MOC Mid-Season ROV WA SH inspection
         2. 20BON23 MFR ODFW Overshoot study
         3. 15TDA08 MOC Transformer Installation
         4. 19TDA04 MOC Crane rail Replacement
         5. 20TDA03 MOC gatewell 18.1
         6. 18JDA02 MOC Trash rack replacement
         7. 20JDA04 MOC STS crane replacement
         8. 20JDA05 MOC Spill bay 10 repair
      2. BON ITS gate
      3. TDA F1 outage
      4. TDA AWS
      5. TDA trunnion pin
      6. JDA north pumps
      7. JDA SCADA
   3. **NWS (Seattle)**
   4. **Research/FFDRWG updates.** <http://pweb.crohms.org/tmt/documents/FPOM/2010/FFDRWG/FFDRWG.html>
      1. **NWP FFDRWG**
      2. **NWW FFDRWG – July 23**
   5. **RCC update**

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| --- | --- | --- | --- | --- |
| **Project** | **Previous day average (kcfs)** | **5 day forecast average (kcfs)** | **10 day forecast average (kcfs)** | **Projected Low/Peak (kcfs) and date.** |
| **LWG** |  |  |  |  |
| **MCN** |  |  |  |  |
| **BON** |  |  |  |  |

**Table 1. RCC flow forecast**

* 1. **BPA update**
  2. **Fish Count Program update (Peery, Wertheimer)**
  3. **Pinniped update**
     1. **BON**
     2. **Willamette Falls**
  4. **Lamprey update**
  5. **Avian updates**
     1. **NWP**
        1. **Estuary**
        2. **BON**
        3. **TDA**
        4. **JDA**
     2. **NWW**

1. **Invasive species discussion (Setter) awaiting response on shad disposal during sampling activity (Morrill, Van Dyke)**
2. **Coordination/Notification forms (need concurrence/discussion)** 
   1. 20 LWG 04 MFR-Barge Direct Load Mortality
   2. 20 LWG 05 MFR-Juvenile Subyearling Chinook Mortality
   3. 20 LGS 06 MFR –Flume Mortalities
   4. 20 LGS 07 MFR-Unit priority to remove debris
   5. 20 LGS 08 MFR-Modified ASW operation
   6. 20 LGS 09 MFR-Transport Fish Released to River
   7. 20 LGS 10 MFR Adult Ladder Cooling Pump Late Start
   8. 20 LGS 11 MFR - Additional Fish Transported
   9. 20 LGS 12 MFR - Backflush Air Supply Orifice 1C1
   10. 20 LMN 03 MFR-Mechanical Brush failure in Primary Dewatering Structure
   11. 20 LMN 04 MFR-Delayed Opening of RSW
   12. 20 LMN 05 MFR-Unit Priority Deviation for Troubleshooting Alarm
   13. 20 IHR 05 MFR - North shore AWS pumps turned off to clear debris
   14. 20 MCN 03 Unit Priority during line outage
   15. 20 MCN 04 MFR Pelicans in OR Fishway
   16. 20JDA06 MOC Line 1 Outage – Bushing replacement
   17. 20TDA04-8 MFR
   18. 20BON17-33 MFR
3. **Fish Passage Plan:** The final 2020 FPP went into effect March 1 and is available online at: <http://pweb.crohms.org/tmt/documents/fpp/2020/>
   1. **Pending Change Forms: none**
   2. **New Change Forms:** 
      1. 20IHR003 – Operating Gates Position (Anderson, Hockersmith)
4. **Task Group Updates.**