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

8 October 2015 0900-1400

CRITFC offices.

700 NE Multnomah St. Suite. Portland, Oregon 97232

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

Documents may be found at: <http://www.nwd-wc.usace.army.mil/tmt/documents/FPOM/2010/>

1. Approve September meeting minutes. (Mackey)
2. **Action Items**
   1. NWW Action Items
      1. LMN diffuser grating replacement will not occur for at least several more years
   2. NWP Action Items.
      1. [Jun 15]TDA adult flows. **ACTION:** Mackey will schedule a separate meeting to further discuss this issue.  ***Status:*** Meeting has not been scheduled yet, will schedule before next year.
3. **Updates** 
   1. NWW Updates.
      1. Upcoming maintenance/construction/research activities.
      2. NWW FPOM OUTAGES schedule. Diagram of outages redistributed
      3. LWG rental pump operation and feasibility shutdown. Rental pump contract expires on 23 September. ***Revised action: Pumps were operated until 30 Sept COB.***
      4. IHR Trap. Meeting scheduled for 15 October @ 10 AM, meet at Visitor Center
      5. Little Goose rental pumps for 2016
      6. 15LWG23 Early Shutdown of Lower Granite Juvenile Bypass System will proceed as discussed in MOC (Dec 1).
      7. Adult ladder outage schedule for NWW posted for review
   2. NWP Updates
      1. Upcoming maintenance/construction/research activities. Includes already coordinated MOCs.
         1. 15BON02 T11 and T12 outages.
         2. 15BON06 CI fish valve repair
         3. TDA spill bay 9 trunnion pin
         4. JDA Digital Governor testing.
   3. Research/FFDRWG updates. [www.nwd-wc.usace.army.mil/tmt/documents/FPOM/2010/NWP%20Research/Research.html](http://www.nwd-wc.usace.army.mil/tmt/documents/FPOM/2010/NWP%20Research/Research.html)
   4. RCC update.

**Table 1. RCC flow forecast.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Project** | **Previous day average (kcfs)** | **5 day forecast average (kcfs)** | **10 day forecast average (kcfs)** | **Projected Peak** |
| **LWG** |  |  |  |  |
| **MCN** |  |  |  |  |
| **BON** |  |  |  |  |

* 1. Pinniped Update. Van der Leeuw scheduled FPOM task group meeting on 2 November at CRITFC.
  2. Lamprey updates.
  3. Avian.
  4. Critical Infrastructure. Gibbons will schedule a meeting to discuss TDA fish infrastructure. Currently on hold until a new Columbia River coordinator starts.
  5. BPA updates.

1. **Coordination/Notification forms (need concurrence/discussion)**
   1. 15BON75 BI Winter maintenance begins two weeks early
   2. Revised 15TDA05 Railroad rail removal. ***Pending.*** Moved by 2 months; (East exit recommendation was Oct-Nov conflicts with AWS mobilization; need to go back to August 2016); Lorz suggest March; Cordie suggests first week of August during ROV inspection; Conder wants to wait for Fredericks. ***Update: AWS mobilization is on hold***
   3. 15JDA10 Sturgeon in MU16 gatewell
2. **Fish Passage Plan:** The Current 2015 FPP and Change Forms are online at: [http://www.nwd-wc.usace.army.mil/tmt/documents/fpp/](http://www.nwd-wc.usace.army.mil/tmt/documents/fpp/2014/changes/index.html).
   1. Pending FPP Change Forms. Pushed out until testing low flows at ERDC (Sept 21)
      1. 15IHR008 – Low Flow Spill Patterns. ***Pending.***
      2. 15LMN004 – Low Flow Spill Patterns. ***Pending.***
   2. New FPP Change Forms.
   3. Potential FPP change forms.
      1. Appendix B **–** Transport. Revise truck transport minimums if supported by data analysis to determine likely effects, including frequency and duration. Wagner will request NOAA Montlake to look at the data.
3. **Task Group Updates.**
   1. New Task Groups.
      1. BON minimum spill to maintain good B2CC egress. (Fredricks and Lorz). Team members include: Bettin, Ebner, Hausmann, Mackey, Wright. Report from Laurie, waiting for ERDC information
         1. ERDC trip was the week of 21 September.
      2. Load Shaping Guidelines (Bettin). Team members include: Fredricks, Mackey, Wright. Bettin is still figuring out if he is allowed to edit Appendix C (last modified in 1995). FPOM believes this will be delayed until next year.
   2. Active Task Groups.
      1. Adult counting. (Wertheimer and Moody) <http://www.nwd-wc.usace.army.mil/tmt/documents/FPOM/2010/Task%20Groups/Task%20Group%20Fish%20Counting/> contracting issues are getting resolved, cost issues and contracting; 1 year and 2 option years (3 year contract); new technology may allow a change in process
         1. Lorz asked for a report on how TDA worked. Orientation issues with lighting, decreasing lighting fish settled down; one more test in the fall
      2. Condition monitoring. (Lorz, Conder). <http://www.nwd-wc.usace.army.mil/tmt/documents/FPOM/2010/Task%20Groups/Task%20Group%20Condition%20Monitoring/>
         1. Team members include: Benner, Bettin, Chockley, Fredricks, Mackey, Morrill, Setter.
         2. Will meet after November FPOM meeting. Review memo and prepare to discuss. IHR, Lorz/Conder; (more to come in November)
      3. TDA adult flows. (Cordie) <http://www.nwd-wc.usace.army.mil/tmt/documents/FPOM/2010/Task%20Groups/Task%20Group%20TDA%20split%20flows/>
         1. Team members include: Bettin, Cordie, Fredricks, Lorz, Lut, Mackey, Rerecich, Skalicky, Wertheimer.
         2. Rerecich talked with UI and there were RT steelhead present during the test period. The data may help understand broad movements of fish during the test but may not help determine the more localized response near the thalweg and shelf between the north ladder and the spillwall.
   3. Task Groups that really want to be inactive but still have an Action Item. Rerecich is working on
      1. AFF mods (BON Fisheries). <http://www.nwd-wc.usace.army.mil/tmt/documents/FPOM/2010/Task%20Groups/Task%20Group%20BON%20AFF/>
      2. Team members include: Benner, Fredericks, Lorz, Mackey, Meyer, Rerecich, Royer, and Whiteaker. **This task group may go to inactive**