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

11 February 2016 0900-1400

CRITFC Offices

700 NE Multnomah St., Suite 1200. 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 January meeting minutes** (Mackey)
2. **Action Items**
	1. NWW Action Items
		1. [Jan 16] MCN FOGS. **ACTION:** Setter and Johnson will come up with a multi-year plan for FOG rehab and distribute it for the Feb FPOM meeting. Johnson will send Fredricks the 1985 MCN report with FOG passage data.
		2. [Jan 16] DWR degassers. **ACTION:** The DWR hatchery will redo the graph removing outlier points, Setter will distribute and it’ll go on the website.
	2. NWP Action Items.
		1. [Jan 16] Unit priority for PH1 when the main unit breaker is OOS. **ACTION:** Hausmann will set up a visit for FPOM to observe PH1 operations in early March.
		2. [Jan 16] BON CI subsidence. **ACTION:** Hausmann will put together an MOC.
		3. [Jan 16] BON Weir 68 Bleed-off. **ACTION:** Hausmann will update the BON dewatering plans to include use of the Weir 68 Bleed-off valve during WA-shore-only operation.
		4. [Jan 16] BON BI count station lamprey mods. **ACTIONS:** Hausmann will put the potential mods together in a MOC.
	3. Completed Action Items or to be discussed later in the agenda.
		1. [Jan 16] Wasco PUD at MCN. **ACTION:** Martinson will provide an update at the next FPOM with proposed ladder operations. ***STATUS: discussed under NWW updates.***
		2. [Jan 16] LWG diversion gate update. **ACTION:** Pinney and Holdren will work with the researchers and report back with trapping activity information. ***STATUS: discussed under NWW updates.***
		3. [Jan 16] TDA Avian lines. **ACTION:** Cordie will provide FPOM updates. ***STATUS: discussed under NWW updates.***
3. **Updates**
	1. NWW Updates.
		1. Upcoming maintenance/construction/research activities. FPOM OUTAGES schedule available on the web site.
		2. Wasco PUD at MCN. (Martinson)
		3. LWG diversion gate update. (Holdren, Pinney)
		4. LGS temperature monitoring. (Pinney)
		5. Log bronc at MCN. (Setter)
	2. NWP Updates
		1. Upcoming maintenance/construction/research activities. Includes already coordinated MOCs.
			1. 15BON87 PH1 main unit breaker replacement.
			2. BON winter maintenance update. (Hausmann)
			3. TDA winter maintenance update. (Cordie)
			4. JDA winter maintenance update. (Zyndol)
		2. NWP Project oil spill plans – FPOM website under Jan 2016.
		3. BON CI subsidence. (Hausmann)
		4. BON FOG rehab. (Hausmann)
		5. TDA trunion pin 9.
		6. TDA under-roadway and count station lighting. (Cordie)
		7. JDA-S void assessment. (Zyndol)
	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**

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

* 1. Pinniped updates.
	2. Lamprey updates.
	3. Avian.
		1. TDA avian lines. (Cordie)
		2. JDA avian lines. (Zyndol)
	4. BPA updates.
1. **Coordination/Notification forms (need concurrence/discussion)**
	1. **16BON02** MOC Bradford Island crowder mods for lamprey\_updated.
	2. **16BON03** MOC Blown AWS grating at PH2CC diffuser C4\_updated.
	3. **16BON04** MFR Fish unit floating times for December 2015.
	4. **16BON05** MOC Spillway ROV.
	5. **16BON06** MOC B2CC opening date.
	6. **13 LWG 17** Juvenile Fish Collection Channel Upgrade – Update 08Feb2016.
	7. **15 LWG 025**  LGR Lower JBS Primary Outfall Construction – Revised 08Feb2016.
	8. **16 LWG 02** Lower Granite Dam Adult Ladder Return to Service Date.
2. **Fish Passage Plan:** The Draft 2016 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.
		1. 16LGS003 – TSW Close Criteria. **Pending.** Draft distributed Feb 5; revised Feb 8 per NOAA, CRITFC to add “no earlier than June 21”.
		2. 16AppA001 – Doble Test Schedule. **Pending.** Draft distributed Feb 8.
	2. New FPP Change Forms.
	3. Potential FPP change forms.
		1. Digital governor testing.
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, Rerecich, Wright.
	2. Active Task Groups.
		1. Adult counting. (Wertheimer/Zorich and Moody) <http://www.nwd-wc.usace.army.mil/tmt/documents/FPOM/2010/Task%20Groups/Task%20Group%20Fish%20Counting/>
		2. Condition monitoring. (Lorz, Conder). Team members include: Benner, Bettin, Chockley, Fredricks, Mackey, Morrill, Setter. <http://www.nwd-wc.usace.army.mil/tmt/documents/FPOM/2010/Task%20Groups/Task%20Group%20Condition%20Monitoring/>
			1. Meeting after February FPOM meeting.
		3. TDA adult flows. (Cordie) Team members include: Bettin, Cordie, Fredricks, Lorz, Mackey, Rerecich, Skalicky, Wertheimer. <http://www.nwd-wc.usace.army.mil/tmt/documents/FPOM/2010/Task%20Groups/Task%20Group%20TDA%20split%20flows/>
			1. FPP change form submitted for FPOM concurrence.
		4. Pinnipeds. (van der Leeuw) Team members include: Condor, Fredricks, Hausmann, Mackey, van der Leeuw, Whiteaker, Zorich. <http://www.nwd-wc.usace.army.mil/tmt/documents/FPOM/2010/Task%20Groups/Task%20Group%20Pinnipeds/>
			1. A conference call occurred on 4 Feb to discuss sea lions jumping over BON FOGs. BON will pursue placing a visual plywood barrier on top of the FOGs as a deterrent. If necessary bulkheads will be installed in the middle FOG slots. CRITFC will look into hazing a couple weeks earlier than their usual start date of 1 March.