Fish Passage Operation and Maintenance (FPOM) Team meeting

12 October 2017 9:00-14:00

Columbia Room (12th floor), CRITFC Office

700 NE Multnomah St. Suite. Portland, Oregon 97232

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

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

1. **Approve September Meeting Minutes (Mackey)**
2. **Action Items**
	1. **NWW**
		1. **[Sep 17] 17LWG22 NPE& NSE bulkhead closure –** ACTION: Setter will check to see if the work can start early.
	2. **NWP**
		1. **[Sep 17] BON MU17 OOS -** ACTION: Hausmann will write an MFR.
	3. **Completed Action Items or to be discussed later in the agenda**
		1. **[Sep 17] LWG Spill Operations, implication for RSW maintenance -** ACTION: Holdren will write an MOC/MFR on the RSW inspection. *See 4.1.*
		2. **[Sep 17] Wrap-up and discussion on Court ordered early start-up of by-pass facilities -** ACTION: Zyndol will write an MFR detailing the increase in cost and his proposal for sampling by the end of the month. *See 4.0.*
		3. **[Sep 17] BON T11 outage -** ACTION: Hausmann will update the MOC. *See 3.2.1.1.*
		4. **[Aug 17] LWG spill mitigation for Sept- Dec** - NWW would like to know if there is a temperature trigger for RSW versus deep spill.ACTION: This topic will be brought to FPAC next week. *Status: The topic did go to FPAC and TMT. [Handout Sept 2017 Lower Granite Temperature] There was a brief RSW spill followed by spill from bays 6&8. On the TMT call, a decision was made to switch to bays 2 &3. The forebay is still warm from warm water coming down from the Hells Canyon complex. The deep spill was scheduled till 15 September unless FPOM chose to extend it. Even though the air temperature is cooler, the water temperature is affected by the sources of the water. Setter suggested using 1 October as a fixed date instead of a temperature trigger to start using the RSW but due to confusion with the RSW repair topic, this topic will be moved to TMT.* **[Aug 17] 17TDA20 MOC Oct start revised -** ACTION: Rerecich will update the MOC to reflect the request for spill for BPA to review. ***Completed.***
		5. **[Aug 17]** **Next 5-year adult fish counting contract** - ACTION: Lorz will ask TAC about the importance of Coho unclipped/clipped counts. *Status: Pending. Lorz needs to follow up with his coworker. Email response from Lorz “As to the clipped non-clipped counting of Coho taking with Tac they are comfortable to only have counting at Bon, MCN and LWG. They are in the process of using more and more Pit data, at least in the upper reaches, specifically LWG, to evaluate the native, hatchery question. But they like the window count to aid in this as a back check and there is still some use epically at Bon for lower river estimates. They did say that in a couple more seasons they might/likely will be able to just use Bon but they need to insure the techniques they are using work.”*
		6. **[Aug 17] 17BON53 MFR WA SHORE SOC morts -** ACTION: Lorz will talk to the lamprey task group about the size of the gap that would still be acceptable for the picket leads. *Status: BON will change the gap size from 1.5” to 1.25” on the picket leads at WA SH if it is still a problem move to 1”.*
3. **Updates**
	1. **NWW**
		1. Upcoming maintenance/construction/research activities.
			1. FPOM outages schedule
			2. LWG Operation and Outages for JBS and Turbines (Hockersmith)
	2. **NWP**
		1. Upcoming maintenance/construction/research activities.
			1. BON T11 outage (17BON11)
			2. Spillway Hydro-surveys (17BON49 & 17TDA21)
			3. TDA Rail Removal (17TDA17)
			4. TDA AWS (17TDA20)
			5. TDA spillbays
			6. Winter Maintenance Schedules
				1. BON (Hausmann)
				2. TDA (Cordie)
				3. JDA (Zyndol)
		2. **Research/FFDRWG updates.** <http://pweb.crohms.org/tmt/documents/FPOM/2010/FFDRWG/FFDRWG.html>
		3. **NWP FFDRWG**
		4. **NWW FFDRWG**
	3. **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**
		1. **Next 5-year adult fish counting contract**
	3. **Pinniped update**
	4. **Lamprey update**
	5. **Avian update**
		1. **BON (Hausmann)**
		2. **TDA (Cordie)**
		3. **JDA (Zyndol)**
		4. **MCN**
1. **Wrap-up and discussion on Court ordered early start-up of by-pass facilities [Setter, Kovalchuk, Mackey]**
2. **Coordination/Notification forms (need concurrence/discussion)**
	1. **17LWG23 MFR Spillway gate seal**
	2. **17 LWG 24 Spillway Baseline**
	3. **17 LMN 12 Unit priority**
	4. **17 MCN 17 Early ESBS removal**
	5. **17 JFT 03 MFR Upstream release and secondary bypass operation**
	6. **17BON68 MOC Non Routine PH2 November outage**
	7. **17BON69 MFR Cascade Island Bridge**
	8. **17TDA24 MOC Fish Unit Breaker Outage**
3. **Fish Passage Plan:** Change Forms are available online at: [www.nwd-wc.usace.army.mil/tmt/documents/fpp/2017/changes/](http://www.nwd-wc.usace.army.mil/tmt/documents/fpp/2017/changes/) (2017) and [www.nwd-wc.usace.army.mil/tmt/documents/fpp/2018/changes/](http://www.nwd-wc.usace.army.mil/tmt/documents/fpp/2018/changes/) (2018).

**6.1** **Pending FPP Change Forms**

* + 1. 18DWR001 – New Project Section (Setter). *[Pending further coordination and development of draft.]*
	1. **New FPP Change Forms**
		1. 18LMN001 – Table LMN-11 Modification (Setter). Discussed at Sept FPOM. Patterns with one stop in bay 5 may be better if shifted to bay 7. Model at ERDC during trip Sept 18-22 if possible, then revisit at Oct FPOM.
1. **Task Group Updates.**
	1. BON minimum spill to maintain good B2CC egress. (Fredricks and Lorz). Team: Bettin, Ebner, Hausmann, Kovalchuk, Rerecich, Wright. Pending until Ebner can coordinate the test.