Fish Passage Operation and Maintenance (FPOM) Team meeting

10 September 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 August Meeting Minutes (Mackey)** –

1. **Action Items**
	1. **NWW**
		1. **[August] 20LMN08 MOC Floating Guide Wall Repair-** ACTION: Barnes will double check that no forebay restrictions are required for this work. *Project staff are coordinating forebay restrictions if needed with RCC and BPA.*
	2. **NWP**
		1. **[August 20] TDA Turbine Dewater Sturgeon SOP -** ACTION: Van Dyke and Morrill will discuss the proposed protocol with their respective sturgeon experts.
		2. **[August 20] BON ROV -** ACTION: Hausmann will write an MOC on the ROV inspection options.
	3. **Completed Action Items or to be discussed later in the agenda**
		1. **[August 20] JDA Post Warm Water Sampling Protocol -** ACTION: Grosvenor will write an MOC on the sampling protocol.*Status: Complete.*
		2. **[July 20] 18JDA02 MOC Trashrack replacement -** ACTION: Royer will send the outage schedule to Bettin. *Status: Completed. They have been in communication.*
		3. **[May 20] and[July 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. ACTION: Grosvenor will find out which bays the flow went to and write in a spreadsheet. *Status: Completed. The pattern is in the meeting folder. Mackey requested that it also goes to the archived spill pattern.*
		4. **[July 20]20IHR003 -** ACTION: Anderson will send out the historical reports and will look for the fall chinook FGE report that Conder referenced. Anderson sent these reports to FPOM July 10, 2020. *Status: Completed. Van Dyke said he didn’t agree with some of the content, specifically the word “good” and doesn’t believe that this issue is ready to move forward. Setter thinks that the decision may go to RIOG and recommends sending comments in writing for Anderson*.
		5. **[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. Pending from last month. Hockersmith provided FPOM with a summary and analysis for summer migrant passage and survival with and without the TSWs operating, July 23, 2020. *Status: Completed. Hockersmith has not received any comments and thinks it can be removed from the agenda. Lorz needs more time. Conder said it is a technical study, but it doesn’t have a recommendation. Hockersmith is giving the background information and if someone wants to propose a change form then they could use this information. There was nothing that stood out as a good change. Conder asked if there was any effect of the TSW on forebay/tailwater temperatures. Hockersmith did not investigate it but didn’t think it was measurable because of the volume of the Columbia at MCN compared to the Snake. Conder thinks there should be an option to delay the TSW due to debris. Bellerud would like flexibility but understands that the project likes to plan the work. Setter said that there is flexibility, but they need two weeks to plan. She suggests talking to the project about a month in advance to set the appropriate date. If the date is cancelled, it might take a couple of weeks to get the work back on the schedule. Lorz asked about modifications for the hoists so it would be automated. Setter said that they are moving in that direction, but they are still short a couple of spill bays. They still need to rely on cranes for the time being and they are very old. They have hoists on 20 spill bays. Bellerud summed up the issue as the problem is not with the TSW but with the operations that support TSW removal. Setter agreed and added that there are personnel safety issues with the cranes. The project also needs to find the funds to finish the upgrades on the hoists. Critical maintenance is the highest priority for the project. Van Dyke asked how the flexibility is being impacted by contractor compared to the Corps direct work in the MCN spill weir automation efforts. Setter said that crane 6 is out of service and it is being addressed by the Corps. An outside contractor will do the crane inspection. COVID is also restricting the staff levels.*
2. **Updates**
	1. **NWW**
		1. Upcoming maintenance/construction/research activities.
			1. FPOM outages schedule (Setter)
			2. Doble testing at night ongoing discussion
			3. LWG PIT spill bay
			4. HDC – Doble testing
	2. **NWP**
		1. Upcoming maintenance/construction/research activities.
			1. 20BON69 MOC PH2 outage for electrical work
			2. 20BON81 MOC Hydro-survey for Rock Removal
			3. 15TDA08 MOC Transformer Installation
			4. 19TDA04 MOC Crane rail Replacement
			5. 20TDA10 MOC PUD Smolt Bypass Extended Outage
			6. 20TDA11 MOC MU6 Operation Outside the 1%
			7. 18JDA02 MOC Trash rack replacement -?
			8. 20JDA04 MOC STS crane replacement
			9. 20JDA14 MOC Line 1 outage – BPA transmission work
			10. 20JDA10 MOC Line 1 Outage to install spacers
			11. 20JDA11 MOC Line 3 outage to install spacers
			12. 20JDA16 MOC Post Warm Water Sampling
		2. BON ITS gate
		3. BON JMF wetland sinkholes and proposed repair.
		4. BON Cascade Island PIT
		5. BON Nav lock debris bubbler
		6. TDA AWS trash rack
		7. TDA trunnion pin
		8. JDA north pumps
		9. JDA spill bay 10
		10. 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 – Next meeting October 22, 2020**
	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**
1. **Avian updates (10:30)**
	* 1. **NWW**
		2. **JDA**
		3. **TDA**
		4. **BON**
		5. **Estuary**
2. **Invasive species discussion (Setter) awaiting response on shad disposal during sampling activity (Morrill, Van Dyke)**
3. **Coordination/Notification forms (need concurrence/discussion)**
	1. 20LGS16 MOC Roof replacement
	2. 20LGS17 MOC – Line Outage to Return T2 for Unit 6
	3. 20LGS18 MFR – Accidental Bypass
	4. 20IHR07 MFR – Malfunction of north fish ladder entrance weir gate and juvenile fish channel water regulating weirs
	5. 20MCN08 MFR – Missed Sampling Southside Dewatering Valve Failure
	6. 20MCN09 MFR – Missed Sampling Dewatering Screen Brush Issues
	7. 20MCN10 MFR – Juvenile Sample Mortalities
	8. 20MCN11 MFR – Emergency Debris Spill
	9. 20MCN12 MFR – Missed Sampling
	10. 20BON85-90 MFR
	11. 20JDA17 MFR MU5 STS Tear and FOOS
	12. 20JDA18 MFR Chinook Mort at South Count station
	13. 20JDA MFR North Fish Ladder Pumps
4. **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:**
		1. 20IHR003 – Operating Gates Position (Anderson, Hockersmith). Discussed at July FPOM and FFDWRG, and August FPOM. Pending further discussion at FFDRWG (scheduled for Tuesday, 9/8).)
		2. 20AppG003 – LWG Dewatering (Peery, Holdren). update underway. Discussed at August FPOM. Needed more time for review prior to approving.
	2. **New Change Forms:**
		1. 20JDA003 – TSW Install Date (Kovalchuk)
		2. 20AppA002 – Fall 2020 Spill for Steelhead Overshoots (Conder)
5. **Task Group Updates.**
	1. Avian Task Group meeting