Fish Passage Operation and Maintenance (FPOM) Team meeting

10 August 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://www.nwd-wc.usace.army.mil/tmt/documents/FPOM/2010/>

1. **Approve July Meeting Minutes (Mackey)**
2. **Action Items**
	1. **NWW**
	2. **NWP**
		1. **[July 17] BON adult fish in PH1 tail log slots** - ACTION: Kovalchuk will contact Tackley about using a hydro acoustic transducer to monitor the slots.
		2. **[July 17] TDA Pendants -** ACTION: Cordie will check to see if the pendants are in useable condition.
	3. **Completed Action Items or to be discussed later in the agenda**
		1. **[July 17] Next 5 year fish count contract -** ACTION: Peery will have a rough draft by August. **See 3.1.2.**
		2. **[May 17] 17IHR02 Powerhouse flooding at high tailwater -** ACTION: Peery will talk to Ken Fone to see if some of the AWS pumps can be turned off instead of all of them. ***Status: During high tail water, water floods the warehouse. Peery recommended using a bulkhead to block off the conduit and not using as many pumps. The project grouted the expansion cracks in the floor and believes this will fix the problem. An FPP change form will be drafted to change the language from turning off the AWS pumps during high tail water but it will have to wait to see if the fix worked or the transverse bulkhead should be used. See 6.2.1.***
		3. **[Jun 17] BON Debris loading on the fish units -** ACTION: Hausmann will write an MOC. FPOM recommends raising all gates to 8’ rather than shut an entrance to maintain criteria and doing the work in the afternoon. ***Status: Never implemented because the debris is much less now.***
		4. **[Jun 17] 17BON11 MOC T11 Outage for B2 Roof Repair -** ACTION: Hausmann will ask about shifting the outage until September and provide an MOC. ***Status: An MOC was written but an additional six hour complete PH2 outage on 7 August from 10am -4 pm is planned. An update to the MOC will be sent out.***
		5. **[Jun 17] B2FGE** *-* ACTION: Rerecich will follow up to see if the B2CC outage could overlap with the complete PH2 outage. ***Status: B2CC barge will be removed after spill so no coordination is necessary.***
		6. **[May 17] 17BON10 MFR MU3 Juvenile salmonid morts -** ACTION: Hausmann will add the preventative measure to the unit dewatering plans. ***Status: Completed but need to send to Kovalchuk. Status: BON is updating other documents as well and will send them all to Kovalchuk.***
3. **Updates**
	1. **NWW**
		1. Upcoming maintenance/construction/research activities.
			1. FPOM outages schedule
		2. Court ordered early start-up of by-pass facilities [Van Dyke, Hesse, Lorz]
	2. **NWP**
		1. Upcoming maintenance/construction/research activities.
			1. BON T11 outage (17BON20)
			2. TDA Rail Removal (17TDA17)
			3. TDA Back up AWS
		2. Forebay Temp profiles
		3. BON Unit 17 status
		4. SMP high temperature sampling
		5. NWP ROV inspections
			1. BON
			2. TDA
			3. JDA
	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)
		1. **NWP FFDRWG**
		2. **NWW FFDRWG –** 24 August 2017
	4. **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. **Pelican hazing**
1. **FPOM Charter Review**
2. **Coordination/Notification forms (need concurrence/discussion)**
	1. **17TDA20 MOC Oct start revised**
	2. **17TDA21 MOC Spillway Hydro survey**
	3. **17TDA22 MFR PL morts CRITFC traps and holding tanks**
	4. **17 LWG 14 Adult Trap Chinook Mortality** (Peery)
	5. **17 LWG 15 Adult Trap Shad Issue** (Peery)
	6. **17LWG16 MFR Unit Priority Deviation** (Hockersmith)
	7. **17LWG17 MOC Unit Priority Change** (Hockersmith) **–** Approved 8/2/17 via emergency FPOM Meeting
	8. **17LWG18 MOC Orifice Installation and Power Outage** (Hockersmith) – Approved 8/1/17
	9. **17LWG19 MOC ROV inspection** (Hockersmith)
	10. **17LGS13 MOC Adult fish ladder window cleaner** (Peery)
	11. **17LGS14 MOC Station Service Validation Testing** (Hockersmith)
	12. **17LGS15 MFR 30% Spill Deviation** (Hockersmith)
	13. **17LGS16 MOC Unit 1 Governor Oil Pump Switch** (Hockersmith)
	14. **17LGS17 MOC TSW Removal and ASW Installation** (Hockersmith)
	15. **17LMN07 MOC Digital Governor** (Hockersmith)
	16. **17IHR11 MOC Trolley and Fish Pipe Installation** (Peery)
	17. **17IHR12 MOC Unit 1,2 Outage Updated** (Peery)
	18. **17IHR13 MFR PL mort at SFCS** (Hockersmith)
	19. **17MCN13 MFR Spill bay 20** (Peery)
	20. **17MCN14 MFR Sample Delay** (Peery)
	21. **17MCN15 MFR spill bay 2** (Hockersmith)
	22. **17JDA14 MFR Lamprey mortalities at SFL CS**
	23. **17BON35-48, 50-52, 55-58 and 60-61 MFR PL morts**
	24. **17BON49 MOC Spillway Hydro Survey**
	25. **17BON53 MFR WA SHORE SOC morts**
	26. **17BON54 MFR DSM PL mort**
	27. **17BON59 MOC WA Shore LPS Flow Sensors Retrofit**
	28. **17JFT01 MFR Fish Barge Release Site Deviation** (Hockersmith)
	29. **17JFT02 MFR Secondary Bypass and Raceway Release due to Navigation Outage** (Hockersmith)
3. **Fish Passage Plan:** The Current 2017 FPP and Change Forms are online at <http://www.nwd-wc.usace.army.mil/tmt/documents/fpp/2017/>.

**6.1** Pending FPP Change Forms.

* + 1. 17LWG008 – U1, U2 Priority.
		2. 17OVE003 – FPOM Coordination. (Mackey)
		3. 17DWR001 – New Project Section defer to later mtg. (Setter)
		4. 18-AppD-001 – Cooling Strainer Inspections. Final review (Peery).
		5. 17LGS007 - Position of Operating Gates - Approved tentatively at July FPOM was waiting for Lorz to read and provide any comments. Final Review. (Hockersmith)
	1. New FPP Change Forms
		1. 18-IHR-001 – AWS Ops during High Tailwater (Peery)
1. **Task Group Updates.**
	1. BON minimum spill to maintain good B2CC egress. (Fredricks and Lorz). Team: Bettin, Ebner, Hausmann, Kovalchuk, Rerecich, Wright. Meeting after August FPOM.