Fish Passage Operation and Maintenance (FPOM) Team meeting

09 April 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 February and March Meeting Minutes (Setter)** –

1. **Action Items**
	1. **NWW**
	2. **NWP**
		1. **[March 20] 20BON05 MOC BI Relocate Lamprey Refuge Boxes -** ACTION: Hausmann will add the lamprey refuge box locations to the after action of the MOC if different than the proposed.
		2. **[March 20] BON AFF -** ACTION: Hausmann will look into a fix for fish holding in the non-sample exit pipe.
	3. **Completed Action Items or to be discussed later in the agenda**
		1. **[March 20] LGS fall out fence -** ACTION: Peery will find out where the location of the array was during the study. Status: Sent to FPOM March, 25, 2020.
		2. **[March 20] MCN Study operations April 1-10 -** ACTION: Conder will send in his generation limit to Setter. Status: Trevor provided up to 13,500 cfs via March 26, 2020 email.
		3. **[February 20] LGS -** ACTION: Peery will look into the telemetry data for the fall out fence at the north powerhouse entrance. *Status: Peery sent out a short summary of information to the group. The early information showed that fish were falling out. The first fence installed did not work but the redesign did. The current fence is effective in reducing the numbers of fish from falling out. The concern was if the fence effects the fish coming in to the north shore entrance. There is not enough detail in the data to address that question. The fence was repaired this winter. A lot of fish use the north powerhouse entrance but less fish use the north shore entrance. Conder asked if the array for the study was at the fence or in the channel. ACTION: Peery will find out where the location of the array was during the study. The study was not designed to answer the question of the fence. Peery looked at the report which indicated that the array was downstream of the fence but he will follow up with PNNL.*
2. **Updates**
	1. **NWW**
		1. Upcoming maintenance/construction/research activities.
			1. LGS Unit 1 special operation
			2. FPOM outages schedule (Setter)
			3. LWG SW PIT Status (Hockersmith)
			4. LWG and MCN early start update (Hockersmith)
			5. IHR weirs
	2. **NWP**
		1. Upcoming maintenance/construction/research activities.
			1. 20BON07 MOC OWS cleaning and valve work
			2. 20BON09 MOC Spillway Hydro Survey
			3. 20BON10 MOC BI Exit Dredging
			4. 20BON11 MOC F1 Outage
			5. 15TDA08 MOC Transformer Installation
			6. 19TDA04 MOC Crane rail Replacement
		2. BON ITS gate
		3. BON AFF
		4. TDA AWS
		5. TDA Line 3
		6. TDA trunnion pin
		7. TDA fry ~~mortality~~ passage PUD sampling
		8. JDA north pumps
		9. JDA SCADA
		10. JDA Turbine Pump 3
		11. COVID-19 restrictions
	3. **Research/FFDRWG updates.** <http://pweb.crohms.org/tmt/documents/FPOM/2010/FFDRWG/FFDRWG.html>
		1. **NWP FFDRWG**
		2. **NWW FFDRWG – next mtg April 23 is a webmtg**
	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 update (Peery, Wertheimer)**
	3. **Pinniped update**
		1. **BON**
		2. **Willamette Falls**
	4. **Lamprey update**
	5. **Avian updates**
		1. **NWP**
		2. **NWW**
1. **Invasive species discussion (Setter)**
2. **Coordination/Notification forms (need concurrence/discussion)**
	1. **20BON08 MFR F2 Oil Leak and Outage**
	2. **20JDA02 MFR Daytime condition sampling**
	3. **20JDA03 MFR Spill gate 10 OOS**
3. **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:**
	2. **New Change Forms:**
		1. 20AppJ002\_JDA-Index-Sampling
4. **Task Group Updates.**