Fish Passage Operation and Maintenance (FPOM) Team meeting

12 December 2019 09:00-2:00

Columbia Room (12th floor), CRITFC Office

700 NE Multnomah St., Portland, Oregon 97232

**Conference line: 888-675-2535** **Access/Security code: 4849586 Attendee ID: 455**

**Webex meeting:** <http://usace.webex.com/meet/tammy.m.mackey>

Followed by a holiday gathering at 10 Barrel Brewery (1411 NW Flanders St, Portland, OR 97209)

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

1. **Approve November Meeting Minutes (Setter)** –

1. **Action Items**
	1. **NWW**
		1. **[November 19] Shad discussion -** ACTION: Setter will send out an AMRIP brief of the proposed shad removal/restriction methods to FPOM.
		2. **[November 19] 19IHR18 MFR South fish ladder picketed lead debris problem -** ACTION: Peery will follow up with Fone on any actions for next year to reduce the chance of a reoccurrence of this debris problem.
		3. **[November 19] Fish Count Program -**ACTION: Peery will send an outline of the QA/QC program to Lorz to share with FPAC.
	2. **NWP**
		1. **[November 19] Lamprey Update -** ACTION: Lorz will ask the lamprey task force about the entrance flow plan for next year.
	3. **Completed Action Items or to be discussed later in the agenda**
		1. **[October 19] Fish Count Program –** ACTION: Peery/Kovalchuk will send out the QAQC plan to the group. *Status: Peery checked with contracting and it is proprietary information. Each counter is checked once a month for an hour via video. The supervisor reviews the video and the counter has to be within 95%. Two counters have been let go because they were not able to meet these standards. The CORs then review some of the reviewed video as QA on the QC program. Morrill asked if the hour depends on the fish abundance but no, it is a random system. Lorz feels that some level of selection would help ensure that no species are missed. The structure of the QC plan needs to be tweaked and there is a meeting next month to look at this. Lorz asked for an outline of the work plan for FPAC. ACTION: Peery will send an outline to Lorz. Thompson asked if there is a training and testing before the season. Peery said that there is a training before the season but he would like to see a mid-season training to help with jack Chinook and sockeye differentiation. Bellerud asked about the longevity of the counters. Peery said that newer people tend to either leave in a couple of weeks or stay for many years. Peery is keeping track on the mean number of experience of the counters. Setter brought up river conditions and quality of the video for the QC/QA. The video review is new this year. If the video is clear then it is fine but if the video is cloudy or not set correctly then the video is worthless.*
		2. **[October 19] BON LFS -** ACTION: Hausmann will follow up with Schlenker on the hydrologic conditions of welding the hatch. *Status: The project looked at the flume with the ROV. The latching mechanism is still there but the hinge is gone. They need to figure out who will pay for repairing the hatch. Schlenker is fine with closing the hatch but would prefer for the hatch to be bolted on not welded because it is painted steel. The point of the hatch was to access the flume but it has not been useful since it is underwater. Bettin suggested welding the bolt so it won’t come off. Hausmann said the question is whether or not to spend money on something that doesn’t function well. The cost is $15K to fix it. Conder feels that with the amount of money spent on the flume, $15k is worth fixing and seeing if it can work. Hausmann said that they were leaning that way because it would cost $1.5 million to remove it. VanDyke suggested bolting the other hatches as well. Repairing the flume will require shutting down the fish units and all of PH2. Mackey suggested submitting a UFR to pay for it.*
		3. **[October 19] TDA Spillway MRER** - ACTION: Rerecich will follow up with Trachtenbarg about the status of the MRER and the cost benefit ratio. *Status: There is no funding for this FY to finish the report but it is close to completion. The PDT has not generated the cost benefit ratio yet*.
2. **Updates**
	1. **NWW**
		1. Upcoming maintenance/construction/research activities.
			1. FPOM outages schedule (Setter)
			2. LWG Spillway PIT Construction Schedule update
	2. **NWP**
		1. Upcoming maintenance/construction/research activities.
			1. 19BON18 MOC CI Subsidence Project
			2. 19BON56 MOC PH2 OWS installation
			3. 19BON62 MOC CI ladder dewatering for PIT work
			4. 19BON64 MOC Early BI Ladder Orifice Flow
			5. 19BON65 MOC MU18 and Fish Unit outage for OWS
			6. 15TDA08 MOC Transformer Installation
			7. 19TDA04 MOC Crane rail Replacement
			8. 19TDA18 MOC Fish Unit exciter work FUB
			9. 19TDA19 MOC East/North Ladder dewater overlap
		2. BON BI exit dredging
		3. TDA AWS
		4. JDA south turbine pump #3
		5. JDA north pumps
		6. Dewatering activities
			1. BON
			2. TDA
			3. JDA
	3. **Research/FFDRWG updates.** <http://pweb.crohms.org/tmt/documents/FPOM/2010/FFDRWG/FFDRWG.html>
		1. **NWP FFDRWG**
		2. **NWW FFDRWG**
	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**
	3. **Pinniped update**
		1. **BON**
		2. **Willamette Falls**
	4. **Lamprey update**
1. **Shad discussion (Setter) Morrill will provide the WDFW opinion on lethal removal for shad encountered during sampling activities**
2. **Coordination/Notification forms (need concurrence/discussion)**
	1. **19DWR01 MOC Digital Exciter Testing**
	2. **19LWG09 Adult trap dewater**
	3. **19LGS14 Navigation Lock Leak Repairs**
	4. **19IHR19 - AWS pump outage for ROV inspection of NEW-1 guide slots**
	5. **19MCN17 MOC Wasco PUD requests early WA shore ladder winter outage**
	6. **19MCN18 MOC Change in control of ESBS brush operation**
	7. **19JDA19 MFR 24hrs early orifice flow at NFL**
3. **Fish Passage Plan:** The final 2019 FPP is available online at: <http://pweb.crohms.org/tmt/documents/fpp/2019/> All 2019 FPP change forms and draft chapters/appendices are posted at: <http://pweb.crohms.org/tmt/documents/fpp/2019/changes/>
	1. **Pending Change Forms: None**
	2. **New Change Forms: None**
	3. **Draft 2020 FPP Production Schedule**:
		1. Friday, 12/20/19: due date for FPP Change Forms and Appendix A submissions.
		2. Friday, 12/27/19: all change forms and draft chapters/appendices will be posted online to allow at least 4 weeks for review;
		3. Thursday, 1/23/20: annual FPOM meeting to finalize FPP change forms.
		4. Friday, 2/14/20: drop dead due date for approved change forms and Appendix A submissions in order to be included in the print copy;
		5. Sunday, 3/1/20: start date of 2020 FPP. Print copies will be shipped to Corps project and district staff by this date;
		6. Thursday, 3/12/20: print copies for FPOM reps distributed at the meeting (unless otherwise arranged).
4. **Task Group Updates.**