

MEMORANDUM FOR THE RECORD

Subject: Final minutes for the 10 January 2019 FPOM meeting.

The meeting was held via conference call. In attendance:

Last	First	Agency	Email
Baus	Doug	NWD-RCC	Douglas.m.Baus@usace.army.mil
Bettin	Scott	BPA	swbettin@bpa.gov
Cordie	Robert	NWP-TDA	Robert.P.Cordie@usace.army.mil
Fryer	Derek	NWW	Derek.S.Fryer@usace.army.mil
Graham	Jen	Warm Springs	Jennifer.Graham@ctwsbnr.org
Hausmann	Ben	NWP-BON	Ben.J.Hausmann@usace.army.mil
Hockersmith	Eric	NWW	Eric.E.Hockersmith@usace.army.mil
Holdren	Elizabeth	NWW-LGR	Elizabeth.A.Holdren@usace.army.mil
Johnson	Bobby	NWW-MCN	bobby.johnson@usace.army.mil
Kiefer	Russ	IDFG	Russ.kiefer@idfg.idaho.gov
Kovalchuk	Erin	NWP	Erin.H.Kovalchuk@usace.army.mil
Lorz	Tom	CRITFC	lorz@critfc.org
Mackey	Tammy	NWP	Tammy.m.mackey@usace.army.mil
Morrill	Charlie	WDFW	Charles.Morrill@dfw.wa.gov
Peery	Chris	NWW	Christopher.A.Peery@usace.army.mil
Peterson	Christine	BPA	chpetersen@bpa.gov
Richards	Natalie	NWP	Natalie.A.Richards@usace.army.mil
Sullivan	Leah	BPA	lsullivan@bpa.gov
Tidwell	Kyle	NWP-FFU	Kyle.S.Tidwell@usace.army.mil
VanDyke	Erick	ODFW	erick.s.vandyke@state.or.us
Wertheimer	Robert	NWP-FFU	Robert.H.Wertheimer@usace.army.mil
Wright	Lisa	NWD-RCC	Lisa.S.Wright@usace.army.mil
Zyndol	Miro	NWP	Miro.A.Zyndol@usace.army.mil

1. Final decisions or recommendations made at this meeting.

1.1. December meeting minutes were approved.

1.2. The FPP meeting was moved to the afternoon of February 7, 2019.

2. The following documents are provided or discussed at this meeting. All documents can be found at: <http://pweb.crohms.org/tmt/documents/FPOM/2010/>.

2.1. Agenda, Fish Passage O&M coordination team

2.2. FPOM outages (NWW)

2.3. BPA outages (BPA)

2.4. USACE 2019 Interim Fish Counting Plan (NWW&NWP)

2.5. ODFW Potential accommodation for 2019 USACOE contracting protest of adult fish counts (ODFW)

2.6. *Coordination Forms (MOC/MFR)(NWW/NWP)*

2.7. *FPP Change Forms (NWW/NWP)*

3. Updates

3.1. NWW

3.1.1. Upcoming maintenance/construction/research activities.

3.1.1.1. FPOM outages schedule (Setter) – LMN unit 1 return to service is delayed until February. MCN outfall repair is delayed but will be operational by March. Lorz asked if it was removing of the pipes or repair. Johnson said it is a cleanup contract not repair. MCN is purchasing a green laser to harass birds since there will not be any sprinkler system.

3.1.1.2. Transport discussion (Hockersmith) –Lorz did discuss this topic at FPAC and August 1 is still the recommended date.

3.2. NWP

3.2.1. Upcoming maintenance/construction/research activities.

3.2.1.1. TDA Fish Unit Breakers (18TDA14) – The schedule has been delayed to January 31 but there is a possibility of the work going a lot longer, maybe the end of February. The plan is to return the east ladder back to service by opening the AWS on 17 January and dewatering the north ladder on 22 January to avoid an overlap. The main concern is if the work goes into March when fish passage season starts. Lorz asked for an update before next month if the PDT thinks the work will go into March so that a back-up plan can be in place.

3.2.2. BON fish unit trash rack repair/replacement/cleaning – No update, waiting on the associated dredge contract that starts in February. Lorz wants an update if some work will not get done.

3.2.3. BON CI subsidence –The lab testing of the soil is complete but they are waiting on the report. Morrill asked if there was any lead on moving the PIT TAG building via helicopter. Hausmann doesn't have any leads. Personnel can go down there but no trucks are allowed. Bettin asked if the bird wires would affect a helicopter. Hausmann did not think so. The first step in moving the building is figuring out where the building will go. Morrill would like to meet with Hausmann and Warf to discuss.

3.2.4. Dam Angling (WDFW/ODFW) – Postponed until next month

3.2.5. Annual Maintenance activities

3.2.5.1. BON – 400Klbs of sand is being removed a day. A couple of B valves have been replaced. Lorz asked if the winter maintenance work will get done with all the sand removal. Hausmann thinks all the sand will be removed but all the maintenance time is being spent on sand removal and not on other maintenance.

3.2.5.2. TDA – Maintenance on the east ladder is winding down. Weir caps are completed and a gap blocker was installed on the lifts of the weirs to prevent lamprey from getting in. Two of the upper removable weirs are being rehabbed. New seals have been added to weir 158 to prevent water leakage. The north ladder will be dewatered on the 22 January. The work is mainly brush removal; goats will come in March. Lots of brush was removed in south entrance this year.

3.2.5.3. JDA – Maintenance on JDA-N is going well and winding down. The entrance weir skin plate is being replaced with plastic mesh screen. The previous plates have not held up with heavy duty fasteners. The crowder and floor is being painted white to help view the fish better. The south ladder will be dewatered on 22 January. Several expansion joints need to be repaired and the counting station crowder will be painted white. The LPS had a contract modification to have a different size cut into the deck and it is on schedule.

3.3. Research/FFDRWG updates.

<http://pweb.crohms.org/tmt/documents/FPOM/2010/FFDRWG/FFDRWG.html>

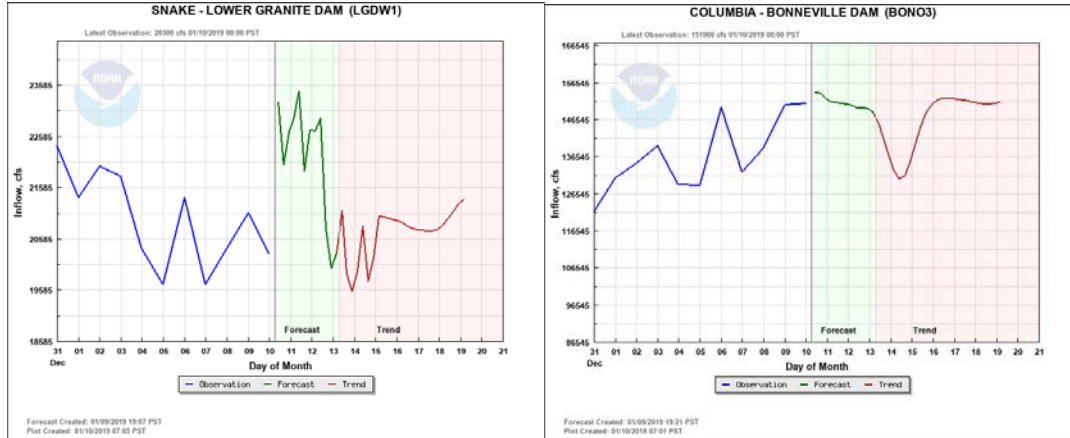
3.3.1.NWP FFDRWG – Next meeting is February 7 from 0830-1100.

3.3.2.NWW FFDRWG- Next meeting is February 28.

3.4. RCC update

Project	Previous day (1/9) average (kcfs)	5 day (1/14) forecast (kcfs)	10 day (1/19) forecast (kcfs)	Projected Low/Peak (kcfs) and date.
LWG	21	20	21	20 (1/13) / 23 (1/11)
MCN	134	119	140	119 (1/14) / 145 (1/10)
BON	156	133	151	131 (1/14) / 153 (1/10)

Table 1. RCC flow forecast



3.5. BPA update – The handout was posted. There were no new changes that affect fish passage.

3.6. Fish Count Program

3.6.1.Next 5-year adult fish counting contract – There was a call-in meeting on 07 January to discuss the contracting issue. An interim proposal was sent out by Peery on 10 January comments from WDFW and IDFG were received. Visual counts will start on April 1 at BON with the goal of daily posting by 0700. The COE is planning on covering fish counts for up to 4 months when the new contractor will take over. Morrill asked if FFU staff and LWG staff will do the counting. At LWG, video will start in March with COE staff but they will look to hire in April and ideally hire the current fish counters. At BON, FFU does QA/QC so they are already trained and will provide the service. Wertheimer said that they will staff with the most trained and experienced personnel to make the Monday morning at 0700 work. VanDyke has a few edits to the details of the plan sent out by Peery and will send them in track changes. VanDyke sent out a document outlining the critical points for ODFW before the meeting. Video will be running at all counting stations and will be reviewed. The question is how soon does the video need to be reviewed and posted to the website. Peery would like someone to review the video every other day at LGS for passage problems. The video recording would start 1 April, the same as the first day of visual counting would have started. Extending the contract of the current contractor would cost twice as much as this plan. The money will come from OM budgets but at this point, the COE doesn't know where the funds will come from. PIT TAG information will still be

available. There is a TAC meeting this afternoon and they will be updated on the status of this contract situation. Peery and Wertheimer will have meeting with Stuart Ellis and Jeff Whistler before the TAC meeting. Lorz asked if GAO has sent any updates but there hasn't been any. *Email Update from Peery "For the fish count contract, I inquired about GAO funding and any updates. Our Office of Council confirmed that GAO is currently funded but here have been no further updates from them regarding the contract protest."*

3.7. Pinniped update – The 2018 annual report review comments have been responded and the final report will be published shortly. Daily monitoring for predation and abundance across both tailraces started on January 1. Results show an average of 11 SSL and no CSL. Predation has been mostly steelhead, some Coho, sturgeon and bass. Monitoring will continue through the end of May. Morrill did not have an update on the chum. SSL has a lower point count in the morning or evening than point counts throughout the day. Tidwell thinks that the animals are hauling out downstream rather than Tower Island. A new law giving States and Tribes increased management authority passed and it will go into effect 2020. This year, only CSL will be removed but the States are looking modifying the 120 permit to make removing CSL more efficient.

3.7.1. TDA pinniped hazing – This discussion will be postponed until next month. Tidwell said that C014 was lethally removed by the States.

3.8. Chum update – Chum have finished spawning and there is plenty of water for incubation.

3.9. Lamprey update – The Orifice RM and LPS structures annual reports will be coming out at the end of January/beginning of February.

3.9.1. BON LPS pumps – No update. Engineering is working on the CI pump issue.

3.10. Avian update

3.10.1. MCN (Johnson) – The green laser was purchased. TDA had a laser system vendor come out to do a demonstration. The demonstration had good success on resting birds but not on flying birds. The laser did not bother the DCC or grebes very much. MCN is purchasing an automatic system with a high level of intensity.

4. Coordination/Notification forms (need concurrence/discussion)

4.1. 19BON01 MFR ITS OOS – The sluiceway normally runs year round and is cycled every Sunday. Operators were floating some logs out but the lower gate got stuck. About 2/3 of the bulkheads were installed when the hook on the lifting beam split in half. Crane related work is a high level safety issue so work came to a stop. After the hook is fabricated, it has to be load tested/approved for use and then the stop logs can be installed. BON expects the hook to be done by Monday (14 January) and then the dewatering would be on Tuesday (15 January). The dewatering will be difficult but the fix should be not be too difficult. Hausmann estimated the ITS to return to service by 18 January. If the outage will be long, Lorz wants to switch the powerhouse priority and have the B2CC open. Hausmann will send out an update next week on the progress. Wertheimer mentioned that with the warm water, there is a potential for kelts in the forebay even right now. BPA will wait on commenting until they know the progress of the work. *Update on 1/16/19: The B2CC is open from 0900-1500 daily until the ITS returns to service.*

4.2. 18JDA08 MOC- Line 1 outage – Bushing Replacement – No update.

5. Fish Passage Plan: All 2019 FPP change forms and draft chapters/appendices are posted on the FPP website for discussion at the meeting on January 24:

<http://pweb.crohms.org/tmt/documents/fpp/2019/changes/>

The meeting is currently scheduled for 24 January. Wright recommended postponing the meeting until February 7 in the afternoon. FPOM concurred. Wright will send out a meeting invitation.

