

Subject: Minutes for the 12 September 2024 FPOM meeting. The meeting was held at McNary Dam Juvenile Fish Facility and via Webex, from 1000 until 1300.

In Attendance:

Last	First	Agency	Phone	Email
Barnes	Chuck	NWW		Charles.A.Barnes@usace.army.mil
Baus	Doug	RCC		Douglas.m.baus@usace.army.mil
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Cates	Rebecca	NWP-BON		rebecca.i.cates@usace.army.mil
Conder	Trevor	NOAA		trevor.conder@noaa.gov
Cooper	Erin	FPC		ecooper@fpc.org
Ebel	Johnathon	IDFG		Jonathan.Ebel@idfg.idaho.gov
Fielding	Scott	NWP-PME		Scott.d.fielding@usace.army.mil
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Griffith	Denise	NWW-LMN		denise.s.griffith@usace.army.mil
Grosvenor	Eric	NWP-TDA		eric.grosvenor@usace.army.mil
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Morrill	Charlie	WDFW		charles.morrill@dfw.wa.gov
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Peterson	Christine	BPA		chpetersen@bpa.gov
Ricketts	Laura	NWP-JDA		
Stoeckig-Dixon	Tiffany	NWW		tiffany.m.stoeckig-dixon@usace.army.mil
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Wright	Lisa	NWD-RCC		Lisa.S.Wright@usace.army.mil

1. Final decisions or recommendations made at this meeting.

- 1.1. July and August meeting minutes approved.
- 1.2. 24BON041 MOC T12 Outage_Updated (T11Cancelled) – Coordinated
- 1.3. 24BON048 MOC Avian Array Repairs at PH1, PH2, Spillway – Coordinated.

2. FPOM Action Items**2.1. NWS**

- 2.1.1. [Apr 24] Albeni Falls update: Morrill asked for a link once the documents are posted.
ACTION: Huddleston will provide the link once the RFP is out. **STATUS:** *Pending.*
Awaiting SCO to sign off on the solicitation. Forecasting next FPOM for RFP to be out.

2.2. NWW

- 2.2.1. [June 24] Additional Delay and Criteria for operational changes **ACTION:** Peery will set up a Task Group and meet as early as July. **STATUS:** *Complete.* *Meeting set up for 17 September at NOAA.*

2.3. NWP

- 2.3.1. [June 24] FFDRWG - **ACTION:** Macdonald and Barnes will work with Ryan to communicate with Huddleston about using FFDRWG as a coordination forum. **STATUS:** *Complete.* *No interest in using FFDRWG platform.*
- 2.3.2. [Sep 24] Estuary – FFU update, flight today and this will be reported out next week.
ACTION: FFU will update FPOM on the most recent CAP flight numbers.

2.4. Completed Action Items or to be discussed later in the agenda.

- 2.4.1. [Aug 24] 24LGS10 MFR Cooling Chimney Adult Mortality. **ACTION:** Peery will get the cooling structure drawings back out to FPOM to get an idea of what a hatch would look like and how fish would react to it. **STATUS:** *Completed.*
- 2.4.2. [Aug 24] Avian Updates **ACTION:** Peery will report out the NWW lethal permit number. **STATUS:** *Completed.*
- 2.4.3. [Aug 24] SRWG– **ACTION:** Macdonald will gather the SRWG review deadlines and get a reminder e-mail out to the group. **STATUS:** *Completed*

3. FPOM Updates**3.1. NWS updates.**

- 3.1.1. Albeni Falls. No updates.

3.2. NWW Updates

- 3.2.1. Upcoming coordinated maintenance/construction/research activities.
 - 3.2.1.1. 24LWG01 MOC Trash Rake Crane – planned for this winter maintenance period.
 - 3.2.1.2. 24 LWG 02 MOC Annual Spillway inspections - ongoing
 - 3.2.1.3. 24LGS02 MOC Potential Noise - Juvenile Collection Channel work is about four weeks out (October).
 - 3.2.1.4. 24LGS03 MOC Unit 5 Commissioning. – January 2025
 - 3.2.1.5. 24 LMN 02 MOC Line Outage Request to RTS T2 - Work completed.
 - 3.2.1.6. 23IHR11 MOC Navlock Tainter Gate Replacement – Scheduled for 2025.
- 3.2.2. LWG tailwater elevation – No updates
- 3.2.3. MCN JFF early start and fish collection for telemetry evaluation – tour the JFF lab – aiming for 27 March. Separate collection for the study fish. Sampling will be done on the evening of a primary day. Set the sample at 25% and adjust as needed so sufficient collection numbers are reached. This won't interfere with SMP sampling. WDFW agrees

with this sampling rate. We have last year's sample data, and we should have a pretty good idea for setting the sample rate.

3.2.4.MCN crane status. Dimensions of the SLABs have been sent.

3.2.5.MCN ERDC Model. October for construction to be complete. Conder asked when NOAA and co-managers are to make the trips. Peery thought the model runs would be January – February timeframe. ODFW: Has a list of runs for the model been developed? Is the Corps putting together this list or will the region have input? WDFW will the model tug be available during model runs? Yes, we can request this.

3.2.6.Fishway Pumps – WDFW Seems like we are always having troubles with fish pumps, and we are wondering if we could develop a team that could service all pumps. IDFG considering the critical infrastructure list, how did it determined what pumps will be rehabbed or replaced? WDFW is it appropriate for the agencies and region to support the requests to rehab/replace pumps? Letters from the FPAC group have been sent directly to the commanders in the past. NOAA 3 auxiliary pumps at LGR, issues of concern are at lower tailwater unless it trips the breaker. Concerned on timeline of getting this resolved and being out of criteria. The pumps are currently functioning as designed but the designed range is 633' and up but now we are constantly operating at the bottom end of the range at 633 and this isn't the best operation for the pumps. CRITFC since this is a design flaw could we shift this to CRFM funding? NOAA surprised that this pump isn't working below 635, if this is a consistent issue, funding doesn't change this pump being fixed for 2-3 years. Can we come up with a maintenance schedule where we could operate more than 1 pump? IDFG Where are these pumps located? ODFW Design options for the future? Yes, this is part of the Phase 1A effort. Action Item: Find information about the rewind project. Is it a possibility to work the maintenance schedule? Would like to start getting updates on pumps and what progress is being made. CRITFC how long is the process to rework these pumps? Pump 2 was RTS and that took ~ 1 year. WDFW: you have the staff to rehab/rework the pumps, what doesn't get completed while working on the pumps? More staff would be better, but the normal staffing level is usually about two thirds of full level.

3.3.NWP Updates

3.3.1.Upcoming coordinated maintenance/construction/research activities.

3.3.1.1.19BON001 MOC Navigation Lock 1 Bridge Replacement. No update.

Question about sea lion trap's location during work.

Via Chat - Ben Hausmann 11:08

The old nav lock is a convenient spot for the sea lion traps but they could be moved to another location during the work. They have been successful in other locations in the past. Just a thought if the conflict can't be resolved.

3.3.1.2.BON PH2 Tailrace crane replacement. Work will occur during winter 25/26.

3.3.1.3.24BON012 MOC B1 Fish Salvage Operations on Oil Leak Investigation

Units_REVISED. Anticipating U4 RTS next Thursday. Do we know where the failure points are (CRITFC). The blade seals were replaced in looking at U4.

3.3.1.4.19TDA04 MOC East side powerhouse crane rails. No update

3.3.1.5.24TDA03 MOC TDA MU22 Priority. Expected to be switching priority back to MU18 next week.

3.3.1.6.18JDA02 MOC Trash rack replacement. Awaiting funding.

3.3.1.7.20JDA04 MOC STS crane replacement. Awaiting parts.

3.3.2.JDA north pump #4. Funded for FY25 awaiting winter outage.

3.4. Research/FFDRWG

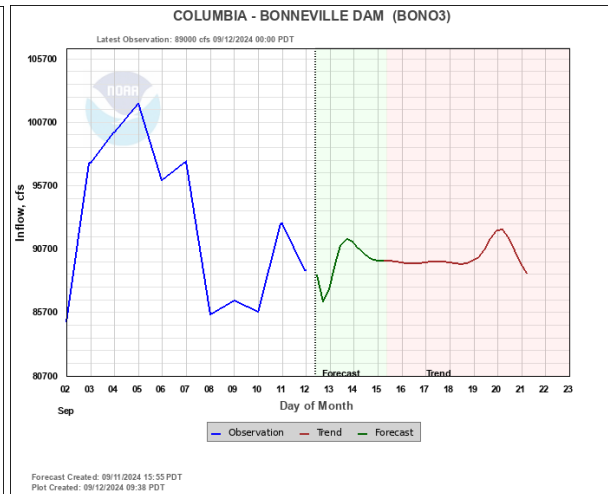
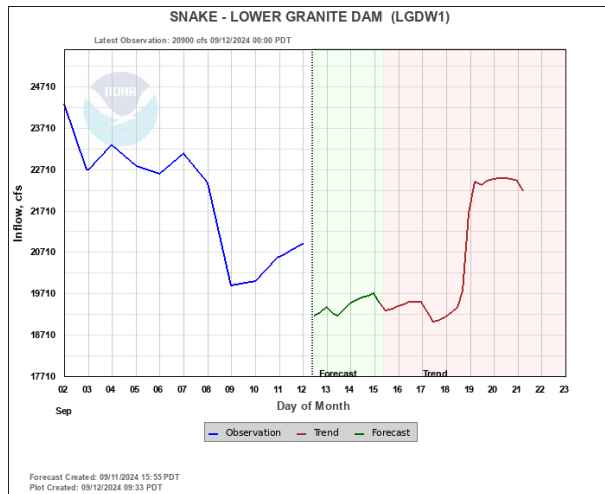
3.4.1.FFDRWG. Notes to be distributed soon.

3.4.2.SRWG. Meeting next week Spill evaluation will be the topic. Need to make a decision today if this will be a virtual meeting. It’s been asked to let them know ASAP.

3.5.RCC update.

Table 1. Previous Day Average Outflow and NWRFC Inflow Forecast.

Project	Previous Day (09/11) Avg. Outflow (kcfs)	5 Day (09/16) Forecasted Inflow (kcfs)	10 Day (09/21) Forecasted Inflow (kcfs)	Forecasted Inflow Low/High (kcfs)
LWG	20	19	22	19 (09/17) / 23 (09/20)
MCN	85	84	82	80 (09/12) / 86 (09/19)
BON	87	90	89	87 (09/12) / 92 (09/20)



3.6. Avian updates **10:30AM**

3.6.1.NWW – Bird counts, at MCN average 132 gulls, 2 DCCO, 2 Terns, 30 AWPE, at LMN average 26 gulls, 6 DCCO, only 2 terns total, and 1 AWPE, at LGS average of 1 gull, 4 DCCO all month, no terns, and 12 AWPE all month, at LWG average of 2 gulls per day, 7 DCCO, 1 AWPE.

3.6.2.NWP

3.6.2.1.JDA – 30 gulls foraging, 150 non-foraging birds at the navlock, Corms 30-40, pelicans have dropped off, 50 pelicans at Preachers Island.

3.6.2.2. TDA – Significant drop off since spill stopped. No pelicans. ODOT has finished installing shrouds on the lights on the bridge. EDNA samples are starting to be looked at. Falconry contract is in the works. Bird wires, looking into replacing 5 wires that are down, working with USDA. Lawonn inquired about DCCO and the tower adjacent to the dam. TDA worked with BPA to remove nests on the towers, but birds recolonized the towers (fewer birds/nests). TDA will work with BPA on getting more work completed next year.

3.6.2.3.BON – Avian update: last few weeks have seen a reduction in gulls and primarily foraging in B2 tailrace.

3.6.2.4.Estuary – FFU update, flight today and this will be reported out next week.

ACTION: FFU will update FPOM on the most recent CAP flight numbers.

3.6.2.4.1.Astoria Megler Bridge. ODFW No Update from the bridge. RTR is still doing work to update numbers.

3.7. Fish Count Program (Peery, Wertheimer). Nighttime counting will complete the end of the month.

3.8. Picket lead operation and adult crowding (Conder) NOAA Trevor was doing an inspection and noticed that all 4 leads were down, there were a lot of fish in this area, and they were having a clear impact on the fish. Are we keeping an eye on the density of the fish, would like to see the Project keeping an eye on this area. CRITFC has been asked to follow the criteria. If this is a concern for the Project and how often the AFF trap is being trapped. NOAA, with that many fish in the ladder, do you really need to have all 4 leads down? Could you use fewer leads. CRITFC: without all the leads down there is the issue of jacks and steelhead sneaking by.

3.9. BPA Update. Posted to the FPOM web site.

3.10. Pinniped update.

3.10.1.BON. The monitoring trigger hasn't been reached yet.

3.10.2.Willamette Falls. No Update.

3.11. Lamprey update

3.11.1.BON – LPSs are running, and traps are shut down.

3.11.2.TDA – Tapping ended last Wednesday.

Via Chat: Eric Grosvenor 11:50

One other Lamprey update. PNNL is looking at trolley pipes at TDA today and tomorrow for juv study next year.

3.11.3.JDA- 05 September last day of trapping. 17,600 total fish collected this year.

3.11.4.NWW – No update. Request from PNNL to collect juvenile lamprey to look at a juvenile lamprey separator. Funding from the DOE.

3.11.5.LAWG-Annual review set for November 4-5 in Pendleton.

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

4.1. NWW

4.1.1.24MCN07 MFR Spill pattern changes for Bays 17 & 22 – No comments

4.1.2.24MCN08 MFR TSW closures for navigation safety – No comments

4.1.3.24MCN09 MFR McNary Project Going Black- Conder asked how often the emergency generators are tested. Peery indicated once a year. Griffith said Every week at LMN.

Looking into AAR to assess what led to it and avoid that in the future.

4.1.4.24MCN10 MFR One fish pump operation – No comments

4.1.5.24LMN02 MOC Line Outage Request to RTS T2 – T2 back online.

4.1.6.24LGS11 MFR Fishway Pump #2 OOS – No comments

4.1.7.24LWG04 MOC AWS Pump2 RTS – No comments

4.2. NWP

4.2.1.24BON040 MFR CI LPS Lamprey Mortality

4.2.2.24BON041 MOC T12 Outage_Updated (T11Cancelled) -The T11 outage has been canceled until next spring. CRITFC: date scheduled yet? Not at this time.

4.2.3.24BON042 MFR WA Shore AWS RB1 Lamprey Mortality-No comments

4.2.4.24BON043 MFR AFF Valve 15 Pacific Lamprey Mortality-No comments

4.2.5.24BON044 MFR AFF Valve 15 Pacific Lamprey Mortality-No comments

- 4.2.6.24BON045 MFR CI LPS Pond Pacific Lamprey Mortality-No comments
- 4.2.7.24BON046 MFR AFF Valve 15 Chinook Salmon Mortality-No comments
- 4.2.8.24BON047 MFR AFF Valve 15 Chinook Salmon Mortality-No comments
- 4.2.9.24BON048 MOC Avian Array Repairs at PH1, PH2, Spillway- USDA will be taking down avian arrays and fixing anchors which are safety concerns – No comments.
- 4.2.10.24BON049 MFR Split Flows Criteria and Guidance. -No comments
- 4.2.11.24BON050 MFR CI LPS Temporary Shutdown USFWS how difficult is it to replace the pumps. The project is monitoring the pumps. USFWS asked about shutdowns and salvage of fish associated with LPS. There is a plan if pumps do go down.
- 4.2.12.24TDA08 MFR Gatewell Pacific Lamprey Mortality-No comments
- 4.2.13.24JDA10 MFR ROV Inspection of Adult Ladder AWS Grating Conducted 13 August and found no issues. No salmon seen during the inspection.
- 4.2.14.24JDA11 MFR NFL Pump #3 Tripped-No comments
- 4.2.15.24JDA12 MFR Reducing Sample Rate Due to Excessive Shad Bycatch-No comments
- 4.2.16.24JDA13 MFR Spillway Crane OOS and Unable to Close TSW-18 Crane is out of service and not able to close the TSW in bay 18. Transformer is a specialty part from France and should be on site by 9/20. CRITFC, could we get a mobile crane if push comes to shove? The project does have some options.
- 4.2.17.24JDA14 MFR MU-1 Taken Offline to Reconnect MU-3 Breaker-No comments

5. Fish Passage Plan

5.1. Final 2024 FPP went into effect March 1 and is available online at:

<https://pweb.crohms.org/tmt/documents/fpp/2024/>

5.2. Change Forms - none

6. FPOM Task Group Updates.

6.1. Adult Fish Passage Delay Criteria (TBD) – Meet 17 September First kickoff meeting will get managers to frame up what works and what the future looks like.

6.2. MCN spillway (Peery). Next update 26 September

6.3. Budget and Infrastructure Updates. Posted at

<https://pweb.crohms.org/tmt/documents/FPOM/2010/> under the Plans, Lists and Charts section updated with new comments or ranking. No updates received. Send ranking to Peery.