**FFDRWG and FPOM Teams**

**DRAFT Agenda for 05 October at 0900**

Conference line: 1-844-800-2712 Access: 199 500 9820

WebEx meeting: <https://usace1.webex.com/join/jacob.macdonald>

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

1. **Attendance, Agenda changes**
2. **FFDRWG Action Items**
	1. Approval of FFDRWG meeting minutes. (Macdonald)
	2. Review notes from August 8th NWP/NWW FFDRWG
	3. Review notes from April 27th NWW FFDRWG meeting
	4. NWW IHR gate storage. Barnes will forward the notes from last meeting.
	5. BON Spillway Rock Removal. Cates will solicit FFDRWG input on barrier corners and concrete finish.
	6. JDA adult lamprey passage improvements site visit. Macdonald will schedule in 2024.

## NWP Topics for FFDRWG Discussion/Review/Coordination

## NWP TDA Backup AWS debris management – Kovalchuk (PM), Roshani (TL), Rerecich (FC)

## NWP BON WS control section redesign – Kovalchuk (PM), Dunlop (TL), Derugin (FC)

## NWP BON WS floating adult lamprey trap for tribal translocation – Lampman (“TL”), Macdonald (FC)

## NWP BON BI adult lamprey passage improvements – Kovalchuk (PM), White (TL), Derugin (FC)

## NWP [TDA adult lamprey passage improvements – Kovalchuk (PM), White (TL), Macdonald (FC)](#_BON_Bradford_Island_2)

## NWP JDA adult lamprey passage improvements – Kovalchuk (PM), White (TL), Grosvenor (FC)

## NWP BON2 FGE – Azuka (PM), Wilson-Fey (TL), Rerecich (FC)

* 1. NWP BON Spillway rock mitigation – Kovalchuk (PM), Jones (TL), Cates (FC)
	2. NWP BON PIT Detection – Kovalchuk (PM), Cates (FC)

## NWW Topics for FFDRWG Discussion/Review/Coordination

* 1. NWW IHR Turbine Unit Cooling Water Exclusion Structure- Juhnke (PM), Aker (Bio)
	2. NWW LGA~~WG~~ Adult Ladder Cooling Chimney Flap Gate- Juhnke (PM), Barnes (Bio)
	3. NWW LLA Adult Ladder Turn Pool Gate- Linklater (PM), Barnes (Bio)
	4. NWW Lower Granite cooling pumps – TBD (PM)
	5. NWW IHR gate storage (Evans, Barnes (Bio)).
	6. NWW MCN Avian deterrence – Juhnke (PM)
		1. Kickoff 01-Oct with EDR
	7. NWW MCN PIT Detection – Juhnke (PM)
		1. PIT detection EDR (alternatives analysis) kicking off October 2023
	8. NWW JDA and Snake River Ladder Cooling – Juhnke (PM)
		1. Ladder Cooling EDR (alternatives analysis) kicking off October 2023
1. **FPOM Action Items**
	1. Approval of September FPOM meeting minutes. (Peery)
	2. **NWW**
		1. [Sep 23] Avian Lethal take. **ACTION:** Peery will update the lethal take spreadsheet.
		2. [Sep 23] MCN spillway crane and ERDC model. **ACTION:**  Peery and Juhnke will work on a MCN spillway presentation.
		3. [Sep 23] LWG tailwater monitors/LGS pool levels. Peery sent info to Conder and will share with FPOM after receiving his comments. This will be on the November FPOM agenda for further discussion. **ACTION:** Peery will send info to FPOM after receiving NOAA comments.
	3. **NWP – no outstanding action items.**
	4. **Completed Action Items or to be discussed later in the agenda.**
		1. [Sep 23] NWP/NWW Critical Fish Passage O&M needs. Conder asked for a task group to rank items. **ACTION:** Mackey will schedule a TG meeting after the November meeting. ***STATUS:*** *meeting will be held 30 minutes after the November FPOM meeting ends.*
2. **FPOM Updates**
	1. **NWW Updates**
		1. Upcoming coordinated maintenance/construction/research activities.
			1. 22 LWG 04 MOC T1T2 Gasket Repair. Nov 28-Jan 31. T1C first and then T1B.
			2. 23 LGS Unit 5 Commissioning. Postponed to Fall/Winter 2023.
			3. LGS Fishway Cooling Pump Repair/Replace.
			4. 23IHR07 MOC Unit 3 Biological Testing. 21 Sep – 2 Oct.
		2. MCN crane status.
		3. MCN ERDC Model.
		4. LWG tailwater monitors/LGS pool levels.
		5. Fish Transport program. Switched to smaller trucks. Continuing through November.
	2. **NWP Updates**
		1. Upcoming coordinated maintenance/construction/research activities.
			1. 19BON001 MOC Navigation Lock 1 Bridge Replacement**.**  No FPP conflict. Work may not begin for many years.
			2. 23BON002 ITS end gate replacement. Installation is still expected for October. On track. Bulkhead placement has been started.
			3. 23BON003 T11 outage. Still on track.
			4. BON FGE **–** Units 11 and 18 Scheduled from 30 Nov – 28 March. Expected completion is December 2023.
			5. 19TDA04 MOC – East side powerhouse crane rails.
			6. 18JDA02 MOC Trash rack replacement. Next update – fall 2023.
			7. 20JDA04 MOC STS crane replacement. In the fabrication portion of the contract. Construction will start next June, commissioning to occur at the end of summer 2024.
			8. 22JDA20 MFR JDA-S Temps.
			9. 23JDA03-05 JDA -S fish turbine pumps 1 and 2 operating at reduced output 55 rpms, 3 OOS for gearbox repair.
			10. BON PH2 Tailrace crane replacement. Work will occur during winter 25/26.
		2. JDA north pump #4. Budget request has been submitted. No funding received yet.
	3. **NWS updates.**
	4. **Research/FFDRWG**
		1. SRWG.
	5. **RCC update.**

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

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| --- | --- | --- | --- | --- |
| **Project** | **Previous Day Avg. Outflow (kcfs)** | **5 Day Forecasted Inflow (kcfs)** | **10 Day Forecasted Inflow (kcfs)** | **Forecasted Inflow Low/High (kcfs)** |
| **LWG** |  |  |  |  |
| **MCN** |  |  |  |  |
| **BON** |  |  |  |  |

Project Data: [https://pweb.crohms.org/report/projdata.htm](https://pweb.crohms.org/report/projdata.htmN) NWRFC Inflow Forecasts: <https://www.nwrfc.noaa.gov/rfc/>

* 1. **Fish Count Program** (Peery, Wertheimer).
	2. **BPA Update.** Schedule available on the FPOM website.
	3. **Pinniped update.**
		1. BON.
		2. Willamette Falls.
	4. **Lamprey update**
		1. BON.
		2. TDA.
		3. JDA.
			1. JDA-N elevator.
		4. NWW.
		5. LAWG: Next quarterly meeting will be Nov. 16-17.
	5. **Avian updates (11:00).**
		1. NWW.
		2. NWP Avian EA/NEPA (Environmental Branch).
		3. JDA. 20/125 lines down.
		4. TDA.
			1. Miller Rocks.
		5. BON.
		6. Estuary. Reports are available at [Documents / FPOM Avian Hazing Task Group (crohms.org)](https://pweb.crohms.org/tmt/documents/FPOM/2010/Task%20Groups/Task%20Group%20Avian%20Hazing/)
			1. ESI.
			2. Rice Island.
			3. Miller Sands.
			4. Pillar Islands.
			5. Astoria Megler Bridge.
1. **FPOM Coordination/Notification forms (need concurrence/discussion)**
	1. NWW
		1. 23LMN11 MFR Spillgate 8 RSW Repair
		2. 23LMN12 MFR Spillgate 5 and 7 Repairs
		3. 23LMN13 MFR Overshoot spill makeup
		4. 23LGS12 MOC Unit 1 Brush Rigging Cleaning
	2. NWP
2. **Fish Passage Plan**
	1. The Final 2023 FPP went into effect on March 1 and is posted at: [pweb.crohms.org/tmt/documents/fpp/2023/](https://pweb.crohms.org/tmt/documents/fpp/2023/)
	2. Change Forms: no new or pending change forms.
	3. Invasive species removal language. No change form yet, but it will include the removal of invasive species during dewatering activities.
3. **FPOM Task Group Updates.**
	1. Schedule falconry discussion (Peery/Morrill). This group will look at what was learned through the use of falconry this year and last year and how it might be beneficial to MCN in 2024. Meeting will be scheduled after TDA provides an update on their falconry results. **Task Group will meet prior to 5 October.**
	2. MCN TSW operation in the summer (Peery). Look at biological and model data to determine an appropriate operation of the TSWs in the summer. Waiting on data before scheduling a meeting.
	3. Budget and Infrastructure Updates. Task Group will meet 30 minutes after the end of the November FPOM.