CENWP-PM-E 14 January 2021

MEMORANDUM FOR THE RECORD

Subject: Draft minutes for the 07 January 2020 FFDRWG meeting

# Invited Attendees

## BPA

Scott Bettin

Kim Johnson

Siena Lopez-Johnston

**\*Christine Petersen**

Greg Smith

**\*Leah Sullivan**

## NOAA

**\*Blane Bellerud**

**\*Gabriel Brooks**

**\*Trevor Conder**

**\*Kinsey Frick**

Claire McGrath

Josie Thompson

## USFWS

John Netto

## CRITFC/Tribes

Casey Baldwin (Colville)

**\*Tom Lorz (CRITFC)**

Blaine Parker (CRITFC)

**\*Tom Skiles (CRITFC)**

Michael Karnosh (CTGR)

Lawrence Schwabe (CTGR)

Torey Wakeland (CTGR)

Aaron Jackson (CTUIR)

## States

**\*Erick Van Dyke (ODFW)**

**\*Charles Morrill (WDFW**)

## NPCC

Leslie Bach

Kris Homel

## FPC

**\*Erin Cooper (FPC)**

## PSMFC

Alan Brower

Darren Chase

Roger Clark

Mark Leonard

Scott Livingston

Nicole Tancreto

**\*Don Warf**

## CENWD

Doug Baus

Tim Dykstra

Dan Feil

Mike Langeslay

Cynthia Studebaker

Sean Tackley

**\*Lisa Wright**

## CENWW

Karl Anderson

Christopher Peery

Marvin Shutters

## CENWP-OD

**\*Andrew Derugin**

Leif Halvorson

Ben Hausmann

Bob Cordie

Jeffrey Randall

Scott Fielding

**\*Eric Grosvenor**

Michael Lotspeich

Erin Kovalchuk

**\*Tammy Mackey**

Darren Gallion

**\*Nathan McClain**

Robert Wertheimer

## CENWP-PM

Jim Adams

Ian Chane

Jeff Hicks

Valerie Higdon

Steve Sipe

Mike Turaski

Bob Winters

Brad Eppard

David Griffith

Fenton Khan

Rachel Laird

**\*Jacob Macdonald**

Rich Piaskowski

**\*Jon Rerecich**

**\*Ida Royer**

**\*David Trachtenbarg**

**\*Andy Traylor**

## CENWP-ENC

Brandt Bannister

**\*Bridget Bell**

**\*Jonathon Brink-Roby**

Shari Dunlop

Laurie Ebner

Dan Jensen

Curtis Lipski

Stephen Schlenker

**\*in attendance**

# Final decision or recommendations made at this meeting

# Approved meeting minutes from December FFDRWG (Y/N)? – No. ACTION: Approve December and January minutes in February (**Macdonald**).

# Ongoing project updates

* 1. John Day North Fish Ladder Variable Width Weir modification – Eric Bluhm (PM), Eric Grosvenor (JDA), Jacob Macdonald (FL)
		+ **Grosvenor** – UHMW plating is falling off, benefit is smooth surface for lamprey to attach to. JD Project wanted to switch to more durable metal plating but could not due to weight concerns. Replacing screen material for this year and exploring other solutions. Weir is already in place.
	2. John Day North Fish Ladder LPS water supply upgrade – *Eric Bluhm (PM), Jonathon Brink-Roby (TL), Jacob Macdonald (FL)*
		+ **Brink-Roby –** Team is working to get gravity-fed water supply from the ladder.
	3. John Day Turbine Rehab – *Steve Sipe (PM), Curtis Lipski (TL),* *Jon Rerecich (FL)*
		+ **Rerecich** – Model validation began this week at ERDC. More next meeting.
		+ **Traylor** – What’s the general schedule? **Rerecich** – Just completed 60% DDR, working toward 90% DDR due Feb 18th, 2022. Biddability, Constructability, Operability, Environmental, and Sustainability (BCOES) to Nov 2022. Contact award October 2024. Install 2031-33. A written schedule was provided in the last update should be posted to the FDDRWG folder on the FPOM website and included with the minutes.
	4. Bonneville Second Powerhouse FGE – *Jim Adams (PM), Bridget Bell (TL), Jon Rerecich (FL)*
		+ ***Rerecich*** *– contract was awarded December 21st, Must be complete by April 15th. Hydraulic testing mid-May, results late summer 2021, if acceptable more onto other units.*
		+ ***Morrill*** *– Can contractor work 7 days a week if needed?* ***Rerecich*** *– Don’t know for sure, Bridget? ACTION:* ***Bridget Bell*** *will follow up with and e-mail to Charlie and/or group.*
	5. Bonneville spillway rock prevention – *Jeremiah Woodard (PM), Max Wilson-Fey (TL), Ida Royer (FL)*
		+ **Royer** *– TL is on paternal leave,* ***Chris Motti*** *filling in as TL for a few months. CFD & physical modeling completed. GIS cross-sectional analysis on-going (****Ebner****) to ensure the model is reflecting the prototype appropriately. Analysis should be done in the next month of two.*
		+ **Lorz** *– End of month CFD or CFD and physical modeling?* **Royer***–* both*.*
		+ **Lorz** *– Is the preferred alternative sill some type of barrier?* **Royer** *– yes.*
	6. Bonneville LPS pump upgrades – Bob Winters (PM), Ben Hausmann (TL)
		+ **Lorz** – will there be an alarm if pumps fail? **Macdonald** – yes.
	7. Bonneville adult lamprey passage improvements – *Bob Winters (PM), Jacob Macdonald (FL)*
		+ Bonneville WA Shore Entrance Collector (LFS) repairis complete.
		+ Bonneville Cascades Island upper leads will be fitted with .75 in. mesh to prevent lamprey from entering the old exit section before the ladder goes back in service.

# New and upcoming projects for FFDRWG coordination

* 1. The Dalles AWS Trash Rake – *Valerie Higdon (PM), \_\_ (TL), \_\_ (FL)*
		+ TL has been assigned but the PDT has not had their first meeting yet. We’ll introduce Valerie and her team at the next FFDRWG.
	2. Bonneville Cascades Island LPS flume modifications – *Bob Winters (PM), Jacob Macdonald (FL)*
		+ **Derugin** *–*improvement will simplify the LPS to run off 2 pumps, instead of 4 and provide the ability to clean screens by hand vs. current design which requires pumps.
		+ **Lorz** *–* Have you shown the design Lamprey Accords Workgroup? Looks like a good simplification. Derugin – yes.
		+ ***Frick –*** via Chat – So one pump near the exit will be able to water the whole CI LPS? **Derugin –** yes. Also switching to stronger, more durable pumps that are surface mounted.
		+ ***Morrill –*** could you provide an update on PIT antenna? **Derugin –** Replacing downstream antenna array and PIT building that is being lost due to subsidence. All set up for it, four antenna install is tracking. Infrastructure for housing readers may take longer.
		+ ***Macdonald –*** asked for update on upper picket lead size reduction to exclude lamprey. **Derugin –** that is going forward.
	3. Extensive minor modifications to Bradford Island serpentine weir section for lamprey & Bonn WA Shore serpentine section redesign – *Bob Winters (PM), Jacob Macdonald (FL)*
* **Macdonald –** PDT’s haven’t been assembled yet. More to come at February FFDRWG.

# Additional topics discussed

# **Conder –** With all these changes, does the Corps intend to install additional PIT detection when funding is available? Bonn PIT antenna EDR is complete, need funding for DDR.

* **Traylor –** Flex spill WG is investigating what monitoring is needed and what study plan is. We are waiting guidance from NWD for study plan, prior to submitting requirements for future funding.
* **Lorz –** Flex spill group is not organized. PIT infrastructure needs to be replaced already. Surprised the flex spill WG would be deciding this. Concerned the flex spill WG is not up to the task to develop a monitoring plan. Trevor?
* **Conder –** I’m ok with which ever venue is used. Just want to make sure it does not fall off after all the work we is complete.
* **Traylor –** I agree, we do need to be sure the right technical people are involved, we are still working out the funding piece.
* **Morrill –** asked **Conder** about technical solutions to improve detections such as the PIT trawl or barge. Led to a general conversation about PIT trawl, PIT barge, and the need for better detections at Bonneville so we don’t have to rely on the trawl & barge.
* **Lorz –** concerned that we are going into new operations (Flex Spill) but we will have less information than in previous year.

# Next meeting: February 4th @ 0900