Columbia River System (CRS) Fish Facility Design Review Work Group (FFDRWG)

USACE, Portland District (NWP) and Walla Walla District (NWW)

August 2023 Meeting Agenda

Meeting Date: August 8, 2023, 09:00-12:00

In-person: Bonneville Dam Auditorium classroom (Oregon Shore)

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

Join by phone (audio only, no Webex): (844) 800-2712 | Access Code: 1995 00 9820

## FFDRWG Meeting Files:

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

## Introductions

**NWP FFDRWG members:**

**BPA**

Scott Bettin

Kim Johnson

Christine Petersen

Greg Smith

Leah Sullivan

Ben Hausmann

**NOAA**

Blane Bellerud

Gabriel Brooks

Trevor Conder

\*Claire McGrath

\*Kelsey Swieca

\*Chris Magel

Kinsey Frick

**USFWS**

Dave Swank

\*Shelby Fowler

**States**

Erick Van Dyke (ODFW)

\*Ben Clemens (ODFW) **\*NEW**

Charles Morrill (WDFW)

Jonathan Ebel (IDFG)

**CRITFC/Tribes**

Tom Lorz (CRITFC)

Laurie Porter (CRITFC)

Greg Silver (CRITFC)

Casey Baldwin (CTCR)

\*Michael Karnosh (CTGR)

Lawrence Schwabe (CTGR)

Torey Wakeland (CTGR)

Aaron Jackson (CTUIR)

Ralph Lampman (YN)

Tod Sween (NPT)

**NPCC**

Leslie Bach

Kris Homel

**FPC**

Erin Cooper

**PSMFC**

Alan Brower

Darren Chase

Roger Clark

Mark Leonard

Scott Livingston

Nicole Tancreto

Don Warf

**CENWD**

\*Doug Baus

Tim Dykstra

\*Dan Feil

Cindy Studebaker

\*Lisa Wright

Sean Tackley

\*Ian Chane

**CENWW**

Chris Peery

Steve Juhnke

Steve Sipe

**CENWP-OD**

Andrew Derugin

Jeanette Wendler

Tucker Gossett

Bob Cordie

Jeffrey Randall

Eric Grosvenor

Michael Lotspeich

Laura Rickets

Tammy Mackey

Robert Wertheimer

Patricia Madson

Darren Gallion

Kyle Tidwell

**CENWP-PM**

Ida Royer

Jim Adams

Jeff Hicks

Erin Kovalchuk

Brad Eppard

Nathan McClain

Jake Macdonald

Jon Rerecich

David Trachtenbarg

Scott Fielding

Rebecca Cates

Tessa Rough

**CENWP-ENC**

Adam Jones

Adam White

Brandt Bannister

Shari Dunlop

Chris Motti

Steve Schlenker

Max Wilson-Fey

Collin Porter

Dan Penn

Aaron Litzenberg

Mehdi Roshani

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\*Jason Brandt (ODFW)

\*Adam Storch (ODFW)

\*Tim Dalton (ODFW)

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Sean Tackley

**CENWP**

Ida Royer

**CENWW-PM**

Steve Juhnke

Steve Sipe

Ricardo Walker

Brad Trumbo

Mike Erickson

Liana Aker

**CENWW-OD**

Chris Peery

Denise Griffith

Scott St. John

Elizabeth Holdren

Ken Fone

Bobby Johnson

Deb Snyder

Denise Griffith

**CENWW-ENC**

Jon Renholds

Sean Milligan

Ryan Pestes

Travis Foster

John Lomeland

Ryan Laughery

## Action items from previous meetings

* 1. Review notes from June 1st NWP field trip to Bonneville Dam
  2. Review notes from January 26th NWW FFDRWG meeting

## NWP Topics for FFDRWG Discussion/Review/Coordination

1. NWP TDA Backup AWS debris management – Erin Kovalchuk (PM), Mehdi Roshani (TL), Jon Rerecich (FC)
   1. 90% EDR comment period open 7/12/23 through 8/11/23 (per 7/12 email from Jon Rerecich)
   2. 90% EDR available for FFDRWG review at: [NWP FFDRWG and SRWG documents](https://pweb.crohms.org/tmt/documents/FPOM/2010/FFDRWG/FFDRWG.html) (https://pweb.crohms.org/tmt/documents/FPOM/2010/FFDRWG/FFDRWG.html)
2. NWP BON2 control section redesign – Erin Kovalchuk (PM), Shari Dunlop (TL), Andrew Derugin (FC)
   1. Final EDR comment period open 6/29/23 through 7/31/23 (per 6/29 email from Jake Macdonald)
   2. Draft final EDR available for FFDRWG review at: [NWP FFDRWG and SRWG documents](https://pweb.crohms.org/tmt/documents/FPOM/2010/FFDRWG/FFDRWG.html) (https://pweb.crohms.org/tmt/documents/FPOM/2010/FFDRWG/FFDRWG.html)
   3. 60% Plans & Specifications (P&S) is underway (White)
3. NWP BON1 adult lamprey passage improvements – Erin Kovalchuk (PM), Adam White (TL), Andrew Derugin (FC)
   1. 90% DDR available for FFDRWG review at: [NWP FFDRWG and SRWG documents](https://pweb.crohms.org/tmt/documents/FPOM/2010/FFDRWG/FFDRWG.html) (https://pweb.crohms.org/tmt/documents/FPOM/2010/FFDRWG/FFDRWG.html)
   2. Construction contract status (White)
4. NWP [TDA adult lamprey passage improvements – Erin Kovalchuk (PM), Adam White (TL), Jake Macdonald (FC)](#_BON_Bradford_Island_2)
   1. 90% DDR available for FFDRWG review at: [NWP FFDRWG and SRWG documents](https://pweb.crohms.org/tmt/documents/FPOM/2010/FFDRWG/FFDRWG.html) (https://pweb.crohms.org/tmt/documents/FPOM/2010/FFDRWG/FFDRWG.html)
   2. Construction contract status (White)
5. NWP JDA adult lamprey passage improvements – Erin Kovalchuk (PM), Adam White (TL), Eric Grosvenor (FC)
   1. 100% DDR available for FFDRWG review at: [NWP FFDRWG and SRWG documents](https://pweb.crohms.org/tmt/documents/FPOM/2010/FFDRWG/FFDRWG.html) (https://pweb.crohms.org/tmt/documents/FPOM/2010/FFDRWG/FFDRWG.html)
   2. 2023 operation update (Grosvenor)
6. NWP BON2 FGE – Oseji Azuka (PM), Max Wilson-Fey (TL), Jon Rerecich (FC)
   1. Construction schedule update (Rerecich)

**NWW Topics for FFDRWG Discussion/Review/Coordination**

1. NWW MNA Turbine Replacement Design – Jean Desjarlais (PM), Jon Renholds (TL)
2. Fixed blade testing ongoing at ERDC
3. Progress update - Renholds
4. NWW MNA Draft Tube Slot Filler – Jean Desjarlais (PM), Jon Renholds (TL), Chuck Barnes (Bio)
5. 60% Review completed 24 April
6. Change to design due to new uplift concerns - Renholds
7. NWW IHR Turbine Unit Cooling Water Exclusion Structure- Steve Juhnke (PM), Liana Aker (Bio)
8. 60% Design Review completed 20 March
9. Timeline for fabrication/installation - Juhnke
10. NWW LGA Adult Ladder Cooling Chimney Flap Gate- Steve Juhnke (PM), Chuck Barnes (Bio)
11. 60% Design Review completed 12 June
12. 90% Design Review scheduled for 16 August
13. Converted back to solid gate based on feedback at last FFDRWG
14. Timeline for fabrication/installation- Juhnke
15. NWW LLA Adult Ladder Turn Pool Gate- Greg Linklater (PM), Chuck Barnes (Bio)
16. 30% Design completed 27 June
17. 60% Design Review is being bypassed due to project simplicity
18. Removable panel being added to address NOAA downstream concerns - Barnes

## Parking lot for future meetings

1. NWP BON Spillway rock mitigation – Erin Kovalchuk (PM), Adam Jones (TL), Rebecca Cates (FC)
   1. 2022 Phase 1a final report available for FFDRWG reference at: [NWP FFDRWG and SRWG documents](https://pweb.crohms.org/tmt/documents/FPOM/2010/FFDRWG/FFDRWG.html) (<https://pweb.crohms.org/tmt/documents/FPOM/2010/FFDRWG/FFDRWG.html>)
   2. Solicit FFDRWG input on barrier corners/concrete finish at next (9/7) FFDRWG (Cates)
2. NWP BON PIT Detection – Erin Kovalchuk (PM), Rebecca Cates (FC)
   1. 2019 PIT detection feasibility EDR available for FFDRWG reference at: [BON PIT Feasibility](https://pweb.crohms.org/tmt/documents/FPOM/2010/FFDRWG/BON%20PIT%20Feasibility/) (<https://pweb.crohms.org/tmt/documents/FPOM/2010/FFDRWG/BON%20PIT%20Feasibility/>)
3. NWW MNA PIT Detection – TBD (PM)
   1. PIT detection EDR (alternatives analysis) kicking off October 2023
4. NWW John Day Dam and Snake River Ladder Cooling – Steve Juhnke (PM)
   1. Ladder Cooling EDR (alternatives analysis) kicking off October 2023
   2. October 2022 John Day South Fish Ladder Temperatures MFR available at: [NWP FFDRWG and SRWG documents](https://pweb.crohms.org/tmt/documents/FPOM/2010/FFDRWG/FFDRWG.html) (<https://pweb.crohms.org/tmt/documents/FPOM/2010/FFDRWG/FFDRWG.html>)

## Upcoming meetings and field trips

1. Next regularly scheduled FFDRWG meeting – Thursday, September 7th @ 09:00
   1. Combined with NWW FFDRWG again?
   2. Send suggestions for agenda items to Jake Macdonald and Chuck Barnes
2. Field trip for FFDRWG and Corps-Tribal Lamprey Work Group to see JDA adult lamprey passage improvements in operation
   1. Partial day, In-person site visit in 2024 (trap is shut down for 2023 per request)
   2. Jake will schedule