

MEMORANDUM FOR THE RECORD

Subject: FINAL minutes for the 24 February 2021 WFPOM meeting starting at 1000 hrs.

The meeting was held via conference call. In attendance:

Last	First	Agency	Email
Bardy	David	NWP-ODV	David.M.Bardy@usace.army.mil
Buccola	Norman	NWP-ENC-HR	Norman.L.Buccola@usace.army.mil
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Boyd	Brett	ODWF S. Santiam	brett.h.boyd@state.or.us
Couture	Ryan	ODFW	Ryan.B.Couture@state.or.us
Gallion	Darren	NWP-ODT-FFU	Darren.G.Gallion@usace.army.mil
Garletts	Doug	NWP-ODV	Douglas.F.Garletts@usace.army.mil
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Grenbemer	Greg	ODFW M.F. & Minto	Greg.A.Grenbemer@state.or.us
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Hudson	Mike	USFWS	michael_hudson@fws.gov
Jundt	Melissa	NMFS	Melissa.Jundt@noaa.gov
Kremers	Kurt	ODFW - McKenzie	kurt.kremers@state.or.us
Kruzic	Lance	NMFS	lance.kruzic@noaa.gov
Mackey	Tammy	NWP-ODT-F	Tammy.M.Mackey@usace.army.mil
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Sachs	Steven	NWP-ODT-FFU	Steven.A.Sachs@usace.army.mil
Schwabe	Lawrence	CTGR	Lawrence.Schwabe@grandronde.org
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Taylor	Greg	NWP-ODV	Gregory.A.Taylor@usace.army.mil
Walker	Chris	NWP-ODT-F	Christopher.E.Walker@usace.army.mil
Watts	Joel	ODFW	Joel.Watts@state.or.us
Wertheimer	Robert	NWP-ODT-FFU	Robert.H.Wertheimer@usace.army.mil
Ziller	Jeff	ODFW	Jeffrey.S.Ziller@state.or.us

1. Final decisions or recommendations made at this meeting

1.1. January meeting minutes approved

2. The following documents are provided or discussed at this meeting. All documents can be found at: Documents / WFPOM / 2021 / January (crohms.org)

- 2.1. Agenda, Willamette Fish Passage O&M coordination team
- 2.2. Coordination Forms (MOC/MFR)
- 2.3. WFOP Change Forms

3. Action Items

- 3.1. [September 2020] ACTION: Kruzic will update trout HGMP. Kruzic incorporated the new table into the HGMP and emailed to Walker. Kelley has updated table for ODFW and emailed to Walker.

4. Updates

4.1. North Santiam (Greg Grenbemer)

- 4.1.1. Marion Forks Hatchery – Getting some much needed snow. Weathered snow storm very well. No loss of phone, power, or internet. Ponding spring chinook next week.
- 4.1.2. Minto Fish Facility– Only 3 winter steelhead in the trap. Ice storm caused 4 ½ day phone outage which alarm system is based on. Generator ran perfectly and manual checks were performed regularly due to lack of alarm system.
 - 4.1.2.1. Maintenance activities needed or recently completed.
 - 4.1.2.1.1. Grenbemer (ODFW-Minto) asked about Minto funding and need for generator maintenance. Generator ran for five days. Pierce – will know about funding by the end of next week. We've added the TDG meter but not much else at Minto.

4.2. South Santiam (Brett Boyd)

- 4.2.1. South Santiam Hatchery – Released spring component of Spring Chinook the 1st of the month. Poned summer steelhead fry. Cleaning hatch house, general maintenance.
- 4.2.2. Foster Fish Facility – Worked with Corps maintenance to clean post sort pools. Haven't done that since starting the facility in 2014. Watered ladder up on the 15th but haven't collected any adults yet.
 - 4.2.2.1. Maintenance activities needed or recently completed.
- 4.2.3. River Bend Adult Release Site

4.3. McKenzie (Kurt Kramer & Colby Gonzales)

- 4.3.1. McKenzie Hatchery – February, fry ponded a couple weeks ago 250k, feeding well. 300k eggs at Marion Forks, another 300k at Willamette, should get them back in May. Water supply from Cogswell creek has been good. Drawing from the creek, not much left in EWEB canal bypass. Kurt Kremers is retiring in two days, Colby Gonzales will backfill. Wertheimer asked about the status of the sorter. Kremers responded have done some work on it during the week, some welds have popped so planning to bolt them. Still learning about placement, only operated for 6 weeks last year. [2020 was first year of operations]. Couture asked about funding for 2021 operations, Walker will send him email. Ziller – we will be putting out recruitment notice for seasonal crew shortly. Hopefully have one returning from last year, all onboard mid-May and upgrade sorter and have it in place by June 1st, after bulk of wild fish have passed. Need to get final pieces of the contract for operations until October.
 - 4.3.1.1. Maintenance activities needed or recently completed.
 - 4.3.1.1.1. Fence building and remodel of a kitchen in the hatchery housing.
- 4.3.2. Leaburg Hatchery
- 4.3.3. Cougar Fish Facility (Garletts for Chad) – Planning on March 10th opening when winter maintenance is complete. Todd – replacing some AWS pump parts. End of March there will be a short outage at Cougar. Todd emailed Walker.
 - 4.3.3.1. Maintenance activities needed or recently completed.

4.4. Middle Fork –

4.4.1. Willamette Hatchery (Couture for Dan Peck) – (Ryan C.) Willamette stock spring Chinook ponded & doing well. Smolt release at Dexter soon. Trapping mid-May. Mullan – asked about size range of (length) fish releases. Couture will follow up with Dan and get back to Mullan. McKenzie spring Chinook are at Willamette, ponded and doing well. Willamette stock spring Chinook are also ponded and doing well. Ponding summer steelhead next.

4.4.2. Dexter Fish Facility (Couture for Dan Peck) – Some smolt releases coming up soon. Setting up for trapping mid-May. No issues to report.

4.4.2.1. Maintenance activities needed or recently completed.

4.4.3. Fall Creek Fish Facility (Pierce) – Crew working through some issues to get new facility functioning properly.

4.4.3.1. Maintenance activities needed or recently completed. (Garletts) – finishing up maintenance planning to open up Fall Creek on the 8th of March.

4.5. Bull trout and Oregon Chub (Taylor) – No update, waiting on the fish facilities and contracts. Overall we have some budget issues and don't have clarity yet which is frustrating for people.

4.6. WFFDWG/Research updates (Laird not on call) Walker – planning for FY21 RM&E. Ann Mullan – several interim-measures screw trap permits are in the works. Will need some hatchery fish to determine capture efficiencies.

4.7. Water Quality updates (Buccola) – performed maintenance at Boulder monitoring site on N. Santiam above Detroit. River was very clear so we did not collect sample for metals & nutrient analysis. Looking into sedimentation and potential for future algae blooms. There was a TDG spike down stream of Detroit on the 23rd. Scullion – there was a 4 hour hydro survey during that time. Walker – many of the short outages are scheduled during the in-water work window and/or have a short time horizon so may not on water management schedule.

4.8. Flow update (S. Hart) – Scullion – Overall in the basin we saw inflows ~28k releasing ~13k

4.9. Pinniped Update (ODFW) – Reis ODFW – From Feb 9th, 1 California sea lion (unbranded), a couple of Stellers are using the trap since Feb 5th. Abundance to this point a total of 5 SSL and 1 CSL.

4.9.1. Pinniped Update (Bonneville) Wertheimer – recent point count of 3 SSL's at Bonn, very low steelhead numbers (prey). ODFW trapping should begin in March for both CSL & SSL.

4.10. BPA updates – no BPA rep.

5. HGMP BiOp T&Cs

5.1. Production and Biometrics – included in the hatchery production contracts.

5.2. Use of natural origin broodstock.

5.3. Bennett Counts (ODFW)

5.4. Lebanon Counts (USACE) – Wertheimer – Request for 1D modeling of Lebanon ladder is in the works. Some funding issues. Last year we installed 4 underwater cameras but notch was difficult to monitor which is why we'd like to install a VAKI River Watcher system. Reis asked what year will VAKI be installed? Mackey responded anticipating install in 2022.

5.5. Leaburg Counts (EWEB/USACE)

5.6. Reducing pHOS in the McKenzie River - Leaburg sorter

5.7. Improving broodstock holding at Willamette Hatchery – Couture asked for an update. Mackey replied we request funding every year but it has not been funded yet.

5.8. Analyze steelhead genetics (ODFW)

5.9. Assess future effects of hatchery summer steelhead in the North and South Santiam Rivers. (ODFW)

- 5.10. Assess genetic pedigree of Chinook salmon (up to 2019 and then every five years after) – Kruzic it would be nice to get an update on the N. Santiam samples. Mullan – I’m pretty sure they included the 2020 samples, so we could change that in the agenda. Couture – samples handed off the Kathleen O’Malley.
- 5.11. Assess salmon spawning above federal dams – Mackey – No update until next month’s internal discussion.
- 5.12. Adaptively manage hatchery salmon outplanting above federal dams.
- 5.13. Willamette Chinook Salmon Database.
- 5.14. Three year report for NMFS SFD. Report due 2022.

6. Willamette Valley Production Contracts

- 6.1. Willamette Hatcheries - Walker – I am currently working these contracts with an August 31st start date, longer term contract.
- 6.2. Trout Production – Walker – I am also working on this contract to be awarded this fall. Working toward a longer contract here as well. Couture – a fall award will help to execute this contract, based on timing of egg take and hatchery production, regardless if ODFW or someone else gets it.

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

Ongoing:

- 7.1. 20FOS04 Passage Enumeration at Lebanon Dam

New:

- 7.2. 21FRN01 Fern Ridge outflow - decreased by 30 cfs to help with reservoir refill at request of ODFW.

8. Fish Operations Plan: WFOP homepage:

http://pweb.crohms.org/tmt/documents/FPOM/2010/Willamette_Coordination/WFOP/

Walker - No change forms received. Mullan asked about timing of Detroit Dam IRRM. Walker – I’m working on a memorandum. The plan is to talk about this next month.

9. Task Group/PDT Updates.

9.1. Willamette Valley Operational Fish Passage Measures (PDT)

- 9.1.1. PM Chris Budi, Tech Lead Katharyn Tackley – On target to start 1 March night time spill for fish passage (measure #9). Mullan – asked about Cougar (Measure #16 & 17) and off line conversation with Fenton. Tackley – we are preparing for that discussion and look forward to working with you on those detail.

9.2. Safety and Environmental corrections (PDT)

- 9.2.1. PM Dave Tucker – have put together a list of the various cost and are seeking funding.

9.3. Hatchery Non-routine maintenance/repairs (PDT)

- 9.3.1. PM Dave Tucker -

9.4. McKenzie Water Supply (PDT)

- 9.4.1. Walker – still seeking funding. New PM to be assigned. Mullan – which water supply? Walker – from the canal, provides water for the hatchery & the ladder. Couture – Seem likely about 5 years before EWEB will change anything about this water supply. Seems likely to be off line making the PDT’s work important. May need to take a broad view, for example if Leaburg dam comes out. Jundt – I’d really like to be involved in this discussion. Leaburg Dam has been assigned to Jundt. Ziller – this is getting critical now. Kremers – not sure if folks have the recent EWEB document about the canal. It describes different scenarios that include mothballing it or just using it for storm water conveyance. Spoke with some folks from EWEB on the ground and they are not sure if the canal will be coming back. Kremers talked about potential future and how that might impact fish collection. Jundt – it could be

beneficial to have EWEB go through the report with everyone. This discussion has been going on for years. The dam is a liability and the canal has been deemed by FERC unable to convey water. I would like to see the hatchery have a more dependable water supply.

10. Call ended at 11:05