

MEMORANDUM FOR THE RECORD

Subject: FINAL minutes for the 07 April 2021 WFPOM meeting starting at 1000 hrs.

The meeting was held via conference call. In attendance:

Last	First	Agency	Email
Buccola	Norman	NWP-ENC-HR	Norman.L.Buccola@usace.army.mil
Budai	Chris	NWP	Christine.M.Budai@usace.army.mil
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
Gonzales	Colby	ODFW – McKenzie	colby.l.gonzales@state.or.us
Grenbemer	Greg	ODFW M.F. & Minto	Greg.A.Grenbemer@state.or.us
Helms	Chad	NWP-ODV	Chad.K.Helms@usace.army.mil
Hiner	Ross	NWP-Dam Safety	Ross.D.Hiner@usace.army.mil
Hudson	Mike	USFWS	michael_hudson@fws.gov
Janes	Kelly	NWP-PME	Kelly.A.Janes@usace.army.mil
Jones	Jess	NWP-PME	Jessica.T.Jones@usace.army.mil
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Khan	Fenton	NWP-PME	Fenton.O.Khan@usace.army.mil
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Mullan	Anne	NOAA	anne.mullan@noaa.gov
Peck	Dan	ODFW	Dan.Peck@state.or.us
Pierce	Todd	NWP-ODV	Todd.M.Pierce@usace.army.mil
Reis	Kelly	ODFW	Kelly.E.Reis@state.or.us
Scullion	Mary Karen	NWP	Mary.K.Scullion@usace.army.mil
Trachtenbarg	Dave	NWP-PME	David.A.Trachtenbarg@usace.army.mil
Walker	Chris	NWP-ODT-F	Christopher.E.Walker@usace.army.mil
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. Meeting will be finalized pending ODFW comments

2. The following documents are provided or discussed at this meeting. All documents can be found at: [http://pweb.crohms.org/tmt/documents/FPOM/2010/Willamette Coordination/](http://pweb.crohms.org/tmt/documents/FPOM/2010/Willamette_Coordination/)

2.1. Agenda, Fish Passage O&M coordination team.

2.2. Coordination forms (MOC/MFR)

3. Action Items

3.1. Coordinate presentation for AI fish counting system (Wertheimer)

4. Updates

4.1. North Santiam

4.1.1. Marion Forks Hatchery (Grenbemer) – Chinook fry have been ponded, pathology onsite today

- 4.1.2. Minto Fish Facility – Fish collection has been slow, 93 winter steelhead over Bennett, collected 10 of those at Minto, will release last group of spring Chinook tomorrow, Steve Sachs will be onsite for release. Bob Wertheimer asked Greg Grenbemer to speak to river levels regarding tomorrows release. Greg Grenbemer – river is at 1,500 cfs, it will be a good release, chose tomorrow as will be overcast.
 - 4.1.2.1. Maintenance activities needed or recently completed – Greg Grenbemer met with Eickmann and Pierce last week to discuss maintenance activities needed. Pierce stated few funds available for Minto maintenance/repairs, later this week WV maintenance crew will drop hazard trees on facility perimeter.
- 4.2. South Santiam
 - 4.2.1. South Santiam Hatchery (Boyd) – pathology will be out this week, will transfer 10,000 StS smolts to Minto, released StS production from South Santiam Hatchery April 1.
 - 4.2.2. Foster Fish Facility – Fish collection slow, only collected 11 StW, checking the trap daily, sweeping it twice a week
 - 4.2.2.1. Maintenance activities needed or recently completed.
 - 4.2.3. River Bend Adult Release Site – working on moving River Bend adult fish release site improvements moving, kick-off meeting with Rivers Design Group, ODFW has contract to do work this summer, will coordinate with Linn County (land owner).
- 4.3. McKenzie
 - 4.3.1. McKenzie Hatchery (Gonzalez) – one-third of production onsite, prepping for adult collection season, very little water in Leaburg Canal, water is warm, trying to determine if should shut down this water supply for the summer, using Cogswell Creek water for production. Bob Wertheimer inquired about number of ponds that are watered up, one pond with fish along with two safety ponds are watered up. Chris Walker – some of us have a meeting with EWEB to discuss the canal, we may be able to provide an update at the next WFPOM.
 - 4.3.2. Leaburg Hatchery – no fish on-hand except for the sturgeon, getting prepared to receive trout from Willamette Hatchery for McKenzie River stocking.
 - 4.3.3. Cougar Fish Facility (Helms) – Operating since March 10, have not collected any bull trout yet.
 - 4.3.3.1. Maintenance activities needed or recently completed – Issue with emergency generator (failed switchgear), crew sourcing equipment for repair.
- 4.4. Middle Fork
 - 4.4.1. Willamette Hatchery (Peck) – released StS earlier this month, preparing for trout hauls, transfer of trout to Leaburg Hatchery will occur next week
 - 4.4.2. Dexter Fish Facility – releasing last group of spring Chinook next week
 - 4.4.2.1. Maintenance activities needed or recently completed.
 - 4.4.3. Fall Creek Fish Facility (Helms) – collected 15 StW
 - 4.4.3.1. Maintenance activities needed or recently completed.
- 4.5. Bull trout and Oregon Chub (Helms) – pursuing extension of bull trout contract that would carry into sometime next year. Mike Hudson inquired about expiration of current contract and how long it would carry into the next year and rationale for extension, current contract expires 31 September and believed to be a 6 month extension.
- 4.6. WFFDWG/Research updates (Laird) – in FY22 planning phase, Willamette Fisheries Science Review is virtual and will be on April 28-29, conflicts with next WFPOM so it will be rescheduled.
- 4.7. Water Quality updates (Buccola) – keeping on eye on TDG below Cougar Dam during turbine maintenance, units will be back online April 9, TDG currently around 113%.

- 4.8. Flow update (Scullion) – Willamette basin is dry, projects are drafting, 65% storage, 20% below rule curve, trying to meet Salem flow objective of 14,400 cfs, dry conditions making it difficult, interagency flow group meeting this Friday.
 - 4.9. Pinniped Update (ODFW) – update based on survey from March 25, 2 California sea lions close to the West Linn Bridge, 1 Stellar sea lion by the Sellwood Bridge, both California sea lions observed near the falls but have yet to use the traps, one stellar has been removed. Bob Wertheimer – 11 Stellar sea lions at Bonneville Dam, one California and one Stellar removed, reports of large numbers sea lions observed in the lower Columbia R.
 - 4.10. BPA updates
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) – longer term for fish counts at Lebanon, two alternatives on the table, one in ladder and one out of ladder alternative, need to complete a 1D model for the in-ladder alternative that will inform path forward. Reis inquired about timeframe for 1D model results. Availability of model results uncertain at this time due to lack of funding. There is interest from WFPOM for a presentation regarding AI camera technology at the next WFPOM. For this year, modifying camera deployment done last year to get better positioning for each of the orifices as well as the notch, plan is to deploy cameras before dewatering, additional work during dewatering.
 - 5.5. Leaburg Counts (EWEB/USACE) – counting initiates 01 May
 - 5.6. Reducing pHOS in the McKenzie River - Leaburg sorter
 - 5.7. Improving broodstock holding at Willamette Hatchery
 - 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) – same status as last WFPOM, trying to get a contract awarded
 - 5.11. Assess salmon spawning above federal dams (no update)
 - 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 – contract documents are in prep, needs to be awarded by 31 Aug.
 - 6.2. Trout Production – contracts documents are in prep, trying to get longer term contract in place
7. Coordination/Notification forms (need concurrence/discussion)
- Ongoing:
- 7.1. 20FOS04 Passage Enumeration at Lebanon Dam (addressed in section 5 HGMP T&C section)
- New:
- 7.2. 21CGR01 Cougar Dam Unit 1&2 outages – Fish Facility Outage, turbine outage commenced one day before outage period, there are TDG concerns that are being monitored, units scheduled to go back online in a couple of days, TDG gage located at USGS gage below the dam, estimated to be about 0.5 miles below the dam
 - 7.3. 21CGR02 Cougar Butterfly Valve Replacement – install in a couple of years (Feb-May 2023), working on P&S now, want to firm up dates to get into the contract, turbine units will need to be offline, 12-16 weeks to complete work. Ziller – what would effects have on water supply and flows, there should not be any impacts, but will have higher risk of elevated TDG. Mullan – need to consider interim measure schedule.

7.4. 21DET01 Detroit Dam IRRM Temporary Pool Restrictions – dam safety seismic concerns for spillway gates after recent assessment (2018), updated assessment in 2020 revealed hazards from seismic ground motions, additional analysis was done to examine how spill gates would operate under those conditions, risk above guidelines, thus an interim measure will be employed (temporary pool restriction) this year. Jones – an Environmental Assessment (EA) is being completed, fact sheet sent out to public and WFPOM. Ziller – asked about impacts to marinas and other facilities on Detroit Reservoir. There is one higher elevation boat ramp that will have a higher likelihood of not being available. All boat ramps are below the IRRM elevation. Level of impact will depend on the water year. Ramps may go out of service sooner due to less storage. Bob Wertheimer asked if will we see impacts to temperature operations. Similar to boat ramps going out service sooner, potential is the same for boat ramps. Mullan asked about any IRRMs at Cougar Dam. There is an IRRM for spill gates and how they operate to pass flow and concerns about trunnion friction. Another assessment is underway to assess seismic risk at Cougar Dam.

8. **Fish Operations Plan:** WFOP homepage (2021 posted to the web, new drawing for Fall Creek Fish Facility needs to be added):

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

9. **Task Group/PDT Updates.**

9.1. Willamette Valley Operational Fish Passage Measures (PDT) – primed to implement fish passage/temperature management operations at Detroit Dam. Dry conditions are delaying water levels have not reached spillway crest. Ready to implement spill operations at Lookout point to facilitate fish passage, dry conditions are delaying water levels have not reached spillway crest. At Foster Dam, moving forward with a spill operation to facilitate upstream adult migration this summer. Updates will be provided regularly at WFPOM. Mullan asked about screw trapping below Big Cliff, they are scheduled to go in mid-May.

9.2. Safety and Environmental corrections (PDT) – no update

9.3. Hatchery Non-routine maintenance/repairs (PDT) – no update

9.4. McKenzie Water Supply (PDT) – no update