

MEMORANDUM FOR THE RECORD

Subject: FINAL minutes for the 30 March, 2022 WFPOM meeting starting at 1000 hrs.

The meeting was held via WebEx on-line meeting and call-in number. In attendance:

Last	First	Agency	Email
Boyd	Brett	ODFW – South Santiam	brett.h.boyd@odfw.oregon.gov
Couture	Ryan	ODFW	Ryan.B.Couture@odfw.oregon.gov
Garletts	Doug	NWP-ODV	Douglas.F.Garletts@usace.army.mil
Grenbemer	Greg	ODFW- North Santiam	Greg.A.Grenbemer@odfw.oregon.gov
Gonzales	Colby	ODFW - McKenzie	Colby.I.Gonzales@odfw.oregon.gov
Hart	Salina	NWP-ENC-HR	Salina.N.Hart@usace.army.mil
Helms	Chad	NWP-ODV	Chad.K.Helms@usace.army.mil
Jundt	Melissa	NOAA	Melissa.Jundt@noaa.gov
Kruzic	Lance	NMFS	lance.kruzic@noaa.gov
Mackey	Tammy	NWP-ODT-F	Tammy.M.Mackey@usace.army.mil
Madson	Patricia	NWP- FFU	Patricia.L.Madson@usace.army.mil
Peck	Dan	ODFW – Middle Fork	Dan.Peck@odfw.oregon.gov
Reis	Kelly	ODFW	Kelly.E.Reis@odfw.oregon.gov
Schwabe	Lawrence	Grand Ronde	lawrence.schwabe@grandronde.org
Trachtenbarg	David	NWP-PME-F	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@odfw.oregon.gov

1. Final decisions or recommendations made at this meeting

- 2.1 Approved Feb W-FPOM meeting minutes. Comments received from ODFW will be incorporated into the final minutes.

2. Action Items

- 2.1.[March 2022] Leaburg Dam Fish Countng – Wertheimer will revisit start date for fish counting at Leaburg.
- 2.2.[March 2022] Willamette Valley Operational Fish Passage Measures (PDT) – Walker will e-mail the update information.

3. Updates

3.1.North Santiam (Grenbemer provided update)

- 3.1.1. Marion Forks Hatchery - 2021 Chinook ponded doing well, eating well, mortality is low so far.
- 3.1.2. Minto Fish Facility -The hope is to release the first group of Chinook next week. Thirty-three winter steelhead collected so far. The latest Bennet counts through the 20th with 168. *Comments: Wertheimer said they are working to coordinate flushing flow for fish release. He asked Walker about water quality meetings. Walker said there was a flow management kickoff meeting later today which would be a good*

time to discuss flow feasibility. Wertheimer asked Grenbemer about hazing. Grenbemer said they get a plethora of mergansers. They have a couple of (?) and they deploy floaties that push them down river. Wertheimer inquired about White Pelicans spread to the Willamette, Grenbemer said they had seen no White Pelicans.

3.1.2.1. Maintenance activities needed or recently completed. There were 3 of 4 AWS gates shut last couple weeks, due to screen clogging. Screen cleaner can't keep up. Once some of the smolts are released water pressure can be dropped. Starting next week, mobilization to start replacing fire damaged building east side of property and replace fence and guard rails, Detroit crews working on compressor cooling system, heat exchanger for compressor had a hole in it, installing a new one.

3.1.2.2. Other items

3.2. South Santiam (Boyd provided update)

3.2.1. South Santiam Hatchery –Fish health is okay. One trough of steelhead fingerlings showing some cold-water disease, will be treated with medicated feed before they go outside middle of next month. Almost done with spring Chinook juvenile releases. Some research staff picked some up yesterday for study purposes at Green Peter. Greg is going to come pick some up for another study on Friday. Send those out next Friday with steelhead. More mergansers than have been seen in the past. Bird deterrent floaties will be utilized to discourage mergansers during releases. Sample steelhead next week, if they are ready to go, they will be released. First trout release made it to 2.2 fish /lb. Pump trouble required restart of truck loading, caught pump issue early so reduced fish damage, fish loaded to truck were removed back to the pond. Truck reloading was done by hand. A larger fish pump was borrowed from McKenzie for next week.

3.2.2. Foster Fish Facility slowed down on winter steelhead returns. A bit of a fish push over the weekend, 14 winter steelhead, bringing the total to 21 for the season. First summer steelhead, three in the trap yesterday put back in the pre-sort. Brood pond will get set up and adults will get injected with antibiotics, get the process started and get those into the pond next week. *Comment: Grenbemer said the referred to study was for the Navy, 100 smolts to be JSat tagged and released in the mouth of the Columbia River from a NOAA boat. The fish will be tracked to adulthood. The results may alter where the Navy does their range testing. Wertheimer asked Boyd to restate the number of winter steelhead at Foster. In addition, Wertheimer wanted to confirm that, considering the trouble with the pump, the trout liberation numbers would be reported on the FLR for the trout contract. Boyd said that it would be on the FLR.*

3.2.2.1. Maintenance activities needed or recently completed. Foster maintenance staff done with repairs on post sort side-channel crowding crowder they are working out a remedy for the treatment valves. Next week it will be a priority to complete work on implementing the treatment valve remedy.

3.2.3. River Bend Adult Release Site

3.3. McKenzie (Gonzalez gave the update)

3.3.1. McKenzie Hatchery - 21's outside doing good, eating good, healthy so far. 20's, second release is done, 3rd and final ongoing right now, there is early migration water has decreased from about 15cfs to just under 7cfs. Got a couple weeks left to let them go. Mergansers were not present for 1st and 2nd release, showed up mid-month. Don't have anything to haze them with besides their presence. Currently working on upgrading adult ponds, getting some shade cloth, and getting ladders ready. Anticipating good adult return.

3.3.2. Leaburg Hatchery

3.3.3. Cougar Fish Facility- (Helms updated) Just opened facility on March 10. So far, a few rainbow trout and no bull trout. Two to three pit tagged bull trout below the dam, hopefully they will get collected and moved upstream.

3.3.3.1. Maintenance activities needed or recently completed. No issues.

3.4. Middle Fork (Peck gave update)

- 3.4.1. Willamette Hatchery - Everything at the hatchery is on schedule, feeding fry, and all the smolts are gone. Lots of rainbow trout liberations ongoing this month. All fish sizes have been met and allocations are out.
 - 3.4.2. Dexter Fish Facility - Released last Monday that would be next to last group of Chinook going out. On Friday, releases of steelhead. On the 15th, scheduled to release the last group of Chinook. Five weeks out until the start of clipping. *Comment: Wertheimer asked about brood for next year and any additional losses that may have occurred. Peck said brood took a big hit this year with the hot temperatures and low numbers. Estimates 40% short on brood will have accurate numbers after marking, as far as losses after ponding are due to bad eggs and/or adults.*
 - 3.4.2.1. Maintenance activities needed or recently completed. Ladder boards need replacing due to rot. Ran some water down the ladder, identified two sections that require replacement. A crew will go down and get it ready to be rebuilt prior to moving fish down there sometime in the middle of May.
 - 3.4.3. Fall Creek Fish Facility (Garletts update) Not open yet. Required pool forebay elevation of 740ft not met. Current elevation at 728ft trying to get the facility opened by deployment of a log boom, and potentially do a low head opening of facility. Looking at safety issues.
 - 3.4.3.1. Maintenance activities needed or recently completed.
- 3.5. Bull trout and Oregon Chub – plan to attend a chub meeting this afternoon.
- 3.6. WFFDWG/Research updates (Laird update via chat log) - LOP survival study is ongoing, the most recent copepod report was reviewed by the RM&E team, the PNNL high head bypass of infected and uninfected fish is out for review now.
- 3.7. Water Quality updates (S. Hart) Flow management meeting this afternoon. Another drought year is expected. Delaying refill of Cougar and Fall Creek for the injunction means less water in the system. Need to aid refill locations for spill operations. Will be struggling with drought conditions. Been successful in meeting the injunction operations and water quality requirements. More detail later. Hart asked Walker about the flush request on North Santiam. Walker said ODFW requested a pulse of water not defined currently. Hart said they are trying to refill at Detroit for spill operations, ideally to approve, refill outflows would need to be reduced. Walker said a variety of flows were good for Minto fish releases, there's flexibility there. Hart said there was a need to assess priorities.
- 3.8. Flow update (S. Hart)
- 3.9. BPA updates-Reis requested that pinnipeds go back on agenda, 1 EJU and 1 ZCA observed 25 March at Willamette Falls and a second by St John's bridge. No trapping yet but once traps are set, they are ready to go. Wertheimer updated for BON current PMP numbers 10 EJU and a bachelor band of 20 ZCA's that did not stay. Observation trigger is 20 expects to hit the trigger next week. Trapping operations at BON are gearing up.

4. HGMP BiOp T&Cs

- 4.1. Production and Biometrics – included in the hatchery production contracts.
- 4.2. Use of natural origin broodstock.
- 4.3. Bennett Counts (ODFW) no update
- 4.4. Lebanon Counts (USACE) no update
- 4.5. Leaburg Counts (EWEB/USACE) Wertheimer said they were scheduled to begin 1 May. Ziller said software and hardware still not working properly. Ziller worried about getting fish counting in place for 1 May. Wertheimer suggested joint site visit. Ziller said EWEB sent request concerning expectations regarding path forward to USACE. Need solutions laid out more than a site visit can produce, need negotiations between ODFW-EWEB-USACE. Wertheimer said USACE is waiting to see if interim fixes would take hold and if we could get through the season while concurrently working on broader negotiations. Ziller questioned

the 1 May start date as he thought it was 1 April. **ACTION ITEM:** Wertheimer will revisit start date for fish counting at Leaburg.

- 4.6. Reducing pHOS in the McKenzie River - Leaburg sorter – Major maintenance, power cable was pulled under the parking lot to power the sorter, power box to be installed in mid-April. Right Bank exclusion gates being built, installation date by end of May. Recruitment out for four positions to staff the operation of the sorter from 1 June to mid-July. *Comment: Jundt was surprised exclusion gates were going in and wanted to discuss different approaches offline.*
- 4.7. Improving broodstock holding at Willamette Hatchery
- 4.8. Analyze steelhead genetics (ODFW)
- 4.9. Assess future effects of hatchery summer steelhead in the North and South Santiam Rivers. (ODFW)
- 4.10. Assess genetic pedigree of Chinook salmon (up to 2019 and then every five years after)
- 4.11. Assess salmon spawning above federal dams
- 4.12. Adaptively manage hatchery salmon outplanting above federal dams.
- 4.13. Willamette Chinook Salmon Database.
- 4.14. Three-year report for NMFS SFD. Report due 2022. Walker said this will be discussed in the near future. BiOp states ODFW in coordination with the USACE. Reis will be the coordinator for ODFW and Walker will be the coordinator for USACE.

5. Willamette Valley Production Contracts

- 5.1. Willamette Hatcheries- (Walker) Walker is working on a Mod to the contract to allow ODFW to outplant above Green Peter. On this front a lot going on, USACE is working with real estate from BLM and discussions with Guistina Natural Resources for access to their land. It sounds like they will allow access for the out-planting of fish. However, no access for RM&E activities yet.
- 5.2. Trout Production – no updates, releases ongoing.

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

Ongoing:

- 6.1. 21CGR02 Cougar Butterfly Valve Replacement (2023)

New:

- 6.2. New – Walker will be sending something out soon.

7. Task Group/PDT Updates.

- 7.1. Willamette Valley Operational Fish Passage Measures (PDT) – Walker will e-mail the update information.
- 7.2. Safety and Environmental corrections (PDT)
- 7.3. Hatchery Non-routine maintenance/repairs (PDT)
- 7.4. McKenzie Water Supply (PDT)

8. Fish Operations Plan: WFOP homepage: plan for this year will be published soon.

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