

MEMORANDUM FOR THE RECORD

Subject: FINAL minutes for the 27 July 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
Brandtner	Christine	NWP-ODT-FFU	Christine.M.Brandtner@usace.army.mil
Braun	Mark	NWP-ODT-FFU	Mark.W.Braun@usace.army.mil
Couture	Ryan	ODFW	Ryan.B.COUTURE@odfw.oregon.gov
Dayan	David	OSU	dayand@oregonstate.edu
Grenbemer	Greg	ODFW- North Santiam	Greg.A.Grenbemer@odfw.oregon.gov
Helms	Chad	NWP-ODV	Chad.K.Helms@usace.army.mil
Jorgenson	Jeff	CEERD	Jeffrey.D.Jorgeson@usace.army.mil
Jundt	Melissa	NOAA	Melissa.Jundt@noaa.gov
Kruzic	Lance	NOAA	Lance.Kruzic@noaa.gov
Laird	Rachael	NWP-PME-F	Rachel.D.Laird@usace.army.mil
Mackey	Tammy	NWP-ODT-F	Tammy.M.Mackey@usace.army.mil
Madson	Patricia	NWP- ODT-F	Patricia.L.Madson@usace.army.mil
McClain	Nathan	NWP-PME	Nathan.A.McClain@usace.army.mil
Meyer	Jim	NMFS	jim.myers@noaa.gov
Mullan	Anne	NMFS	Anne.Mullan@noaa.gov
O'Malley	Kathleen	OSU	Kathleen.OMalley@oregonstate.edu
Peck	Dan	ODFW-Willamette	dan.peck@odfw.oregon.gov
Pierce	Todd	NWP-ODV	Todd.M.Pierce@usace.army.mil
Romer	Jeremy	ODFW	Jeremy.D.Romer@odfw.oregon.gov
Sachs	Steven	NWP-ODT-FFU	Steven.A.Sachs@usace.army.mil
Schwabe	Lawrence	Grand Ronde	lawrence.schwabe@grandronde.org
Trachtenbarg	David	NWP-PME	David.A.Trachtenbarg@usace.army.mil
van der Leeuw	Bjorn	NWP-ODT-FFU	Bjorn.k.vanderleeuw@usace.army.mil
Walker	Chris	NWP-ODT-F	Christopher.E.Walker@usace.army.mil
Watts	Joel	ODFW	Joel.Watts@odfw.oregon.gov
Wertheimer	Robert	NWP-ODT -FFU	Robert.H.Wertheimer@usace.army.mil

1. Final decisions or recommendations made at this meeting

1.1. Approved June W-FPOM minutes (no comments).

2. Action Items – None

3. Presentation – North Santiam Pedigree Study (O'Malley)

The presentation given by Kathleen O'Malley is located on the WFPOM webpage at:

4. Updates

4.1. North Santiam

4.1.1. Marion Forks Hatchery – Fish look good. Started marking 7/26, hope to complete in three weeks.

4.1.2. Minto Fish Facility

~4,300 adult Spring Chinook collected (3,660 marked, 631 unmarked). Outplanted 2,120. So far 957 summer STHD. No mortalities so far, fish condition is great. Sachs asked about the 650 NORs. Grenbemer said once they get 1,000 at Bennet, and/or concurrence from NMFS they will start holding.

4.1.2.1. Maintenance activities needed or recently completed. - Operational issue with the screens at Minto. Grenbemer said current conditions are screen cleaners running every 45 minutes, issues which require manual cleaning. Normal ops, 20 cfs presort filling the ladder and 4 AWS gates at 20 cfs a piece to maintain ladder criteria for collection. Screens cleaned a week ago Thursday, lasted two days with the four AWSs open. Shut the AWSs off to allow cleaners to keep up. Currently only running 20 cfs through ladder vs 100 cfs. Some fish piling up, but they are moving in every night. Main air compressor has major leaks, Detroit crew trying to fix it. Running off the backup. Requested weekly manual cleanings, however there is a funding issue. Major concerns with water intake considering all the fish onsite. Pierce said they can support cleanings however, budget is tight cannot support weekly cleanings from now until end of Sept, may have to back off on the frequency of screen cleaning in Sept and focus on Aug. Couture is concerned about 100's of dead fish vs budget. Grenbemer asked if they are to operate facility according to the criteria it was designed for and built for, they are under contract to raise fish, Corps was to supply adequate water and machinery to do the job. Or are they just to do the best they can to keep the fish alive. Grenbemer is concerned with fish mortality at current operations and compressor status. Need a long-term fix. Pierce said they could have a discussion with Wertheimer offline about additional funding possibilities.

4.1.2.2. Other items

4.2. South Santiam

4.2.1. South Santiam Hatchery (Couture) – Spring Chinook returns are good, outplanted all fish above Green Peter in mid-Santiam. Last three loads will go to Quartsville in Sept.

Mullan asked if temperature data was being taken at the outplant sites. Walker said yes.

4.2.2. Foster Fish Facility

4.2.2.1. Maintenance activities needed or recently completed

4.2.3. River Bend Adult Release Site

4.3. McKenzie

4.3.1. McKenzie Hatchery – (Couture) On the way to meet brood goals. Holding some adults for brood at Minto. Some adults for outplanting above Cougar are being held at Leaburg.

4.3.2. Leaburg Hatchery – 408 for brood in good condition

4.3.3. Cougar Fish Facility – (Helms) 44 CH unmarked, these fish were double Floy tagged and release back downstream. 23 returned and were outplanted above Cougar, also 12 BT and 1 summer STHD. Mullan asked about the PIT reader in the RO at Cougar.

Romer said that is the plan to have a reader installed once flows drop, hoping for August. Unknown how long it will take to install.

4.3.3.1. Maintenance activities needed or recently completed. Liners getting replaced this week. Down to one post sort pool. Paving was done.

4.4. Middle Fork

4.4.1. Willamette Hatchery – On schedule and to size. Rainbow libs will be done in the next two months.

4.4.2. Dexter Fish Facility – Good return. All brood hauled to Foster, outplanting last week, truck issues after first day. Foster truck will be used this Thursday to help outplant fish in the interim.

4.4.2.1. Maintenance activities needed or recently completed.

4.4.3. Fall Creek Fish Facility – 107 unmarked CH (all outplanted above), 23 marked, 14 summer STHD and 76 winter STHD.

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

4.5. Bull trout and Oregon Chub (Taylor) – No updates

4.6. WFFDWG/Research updates (Laird) – No updates. Review period in early August for Lookout Pt. modeling exercise.

4.7. Water Quality updates (S. Hart) – No update

4.8. Flow update (S. Hart) – No update

4.9. BPA updates – No update

4.10. Pinniped Updates – first EJU returned to BON June 24, four in the tailrace.

5. HGMP BiOp T&Cs

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

5.2. Use of natural origin broodstock – No update. Will discuss offline.

5.3. Bennett Counts (ODFW) – 6,111 marked CH, 776 unmarked CH, 821 summer STHD.

5.4. Lebanon Counts (USACE)

5.5. Leaburg Counts (EWEB/USACE)

5.6. Reducing PHOS in the McKenzie River – Leaburg sorter - 915 wild and there were 266 hatchery CH removed. The total upstream was 1,292 above Leaburg. With sorter PHOS 1.9-3.2% this includes unk origin CH back to river, without sorter PHOS 23%. Opened RB ladder with grating system passing a lot of lampreys. Fish timing is later than usual this year. Sorter is started at 20% hatchery to wild ratio for multiple days. NOR came in later this year.

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)

5.11. Assess salmon spawning above federal dams

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. Reis sent Walker a draft report.

6. Willamette Valley Production Contracts

6.1. Willamette Hatcheries – ODFW and USACE contract signed for Green Peter outplanting. TO for spawning surveys for Quartsville Creek (issued to Cramer) no access for survey work in the Middle Santiam.

6.2. Trout Production

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

Ongoing:

7.1. 21CGR02 Cougar Butterfly Valve Replacement (2023)

7.2. 22DEX02 MOC Fish Facility Rebuild IWW periods

New:

7.3.22CGR01 Forced Outage of Units – No comments received.

9. Task Group/PDT Updates.

9.1. Willamette Valley Operational Fish Passage Measures (PDT) – No updates

9.2. Green Peter Outplanting Task Group – Actions ongoing

9.3. Safety and Environmental corrections (PDT)

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

9.5. McKenzie Water Supply (PDT)

10. Fish Operations Plan: WFOP homepage:

[http://pweb.crohms.org/tmt/documents/FPOM/2010/Willamette Coordination/WFOP/](http://pweb.crohms.org/tmt/documents/FPOM/2010/Willamette_Coordination/WFOP/)