

MEMORANDUM FOR THE RECORD

Subject: Final minutes for the 27 September 2023 WFPOM meeting. The meeting was held via WebEx and call in.

1. Introductions and agenda updates

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Wertheimer	Bob	Robert.H.Wertheimer@usace.army.mil

2. Approve W-FPOM minutes (August)

Approved

3. Action Items –

3.1 [Sept 23] ACTION: Sachs/Piaskowski – Update on delivery timelines for Pedigree Analysis: North Santiam – Final Report Completed in 2023 (<https://agsci.oregonstate.edu/state-fisheries-lab/reports>), South Fork McKenzie – Final Reported Completed 2023 (<https://agsci.oregonstate.edu/state-fisheries-lab/reports>), South Santiam – Estimated Completion by Fall 2023. Fall Creek – Estimated Completion by early 2024.

Mullan – Getting funding set up was an issue last time for these, as much as 4 years late. If the reports are late, it can impede our ability to use them well. If we were not already looking at funding for the next budget, we should be.

4. Completed Action Items

4.1 [Aug 23] COMPLETED: Khan – Updated on Lebanon PIT work.

4.2 [Aug 23] COMPLETED: Piaskowski/Couture – Samples of adult fish are sorted by release location and could be analyzed by parental location for future returning adults.

4.3 [Aug 23] COMPLETED: Rerecich – Dexter header Pipe, PDT has inspected the pipe and may include a MOD in the Dexter Contract or issue a separate contract.

4.4 [Aug 23] COMPLETED: Wertheimer – Shared Power Point.**5. Updates****5.1. North Santiam**

5.1.1. Marion Forks Hatchery – Grenbemer – The water temperature is cooling. Chinook spawning is complete, and eggs are trayed, the BKD rate has been below 5%. Fingerlings are looking good, moving 75% to Minto in NOV.

5.1.1.1. Marion Creek intake. Included in the FY24 budget.

5.1.2. Minto Fish Facility – Spawning complete, 600 pairs of marked fish and 61 pairs on non-marked Chinook spawned. Spawning this year was a little earlier than normal. Temperatures were 47°F to 48°F at the end of August and in September which speed up maturation this year. A few fish are still coming in. Adult mortalities have been low in holding this year. In Outplanting, almost 1400 to the North 596 to the Britenbush. Outplanting went well with fish in good conditions.

Mullan – Is there a location by name for the outplanting?

Grenbemer – On the Britenbush we take them to a private resort at the hot springs. It has a deep hole that protects the fish. On the North there is a private site known as the upper log deck.

Grenbemer – We were also able to outplant 277 non-marked into the North.

5.1.2.1. Maintenance activities needed or recently completed. Grenbemer - 3 dates for shutdowns in October for maintenance, pulling 2 pumps and will install the new ATS switch when available.

5.2. South Santiam

5.2.1. South Santiam Hatchery –Proffitt – Just over 5,400 Chinook returned, 246 were non marked and taken above Foster. September returns have been good with the South Gate spill, 600 fish came in that week. BKD has been low this year. Only 361 Summer Steelhead so far. Upper intake is shut down and water is at 47°F.

5.2.2. Foster Fish Facility

5.2.2.1. Maintenance activities needed or recently completed. Proffitt – Crowder has a patch but is working.

5.2.3. Green Peter Dam outplanting/spawning surveys – 600 ChS have been outplanted in the NF Middle Fork South Santiam. Quartzville – 200 ChS were outplanting in Quartzville creek on 9/26. All fish sampled, floy tagged and outplanted in a 1:1 M/F ratio.

Mullan – How much human activity is on Quartzville at this time?

Proffitt – The Miners Camp release site is closed that this time and there are few other campers in the area.

5.3. McKenzie

5.3.1. McKenzie Hatchery – Wajtna - Adult collection is at about 560 adults for broodstock, we have spawned 254 pairs so far, will be short on production and will not be able to outplant above Cougar. Spawning on Friday. PKD symptoms in juvenile fish are dissipating. We are trying to take our allotted number of NOR pairs, we have collected the maximum of 33 pairs of NOR fish.

Mullan – What is the number of pairs needed?

Wajtna – 330 pairs?

Couture – What was the collection goal?

Lee – The collection goal was 950 fish total.

5.3.2. Leaburg Hatchery – No update.

5.3.3. Cougar Fish Facility

5.3.3.1. Maintenance activities needed or recently completed. Garletts - 26th Sep. 90 total adult Chinook moved above the dam, 8 bull trout have been

collected, no pacific lamprey this year. Planning on closing the 16th of October. There is not any spawning below the facility this year. Peirce – Have received the new vfd's for pumps. The propane generator remains offline, there is a backup diesel generator onsite.

Mullan – Does the 1505 target at Cougar prevent power from the powerhouse to the fish facility?

Peirce – If it is after Oct 15th it is not an issue.

5.4. Middle Fork

5.4.1. Willamette Hatchery – Proffitt -Will be doing a 5th spawn this year. Will likely be 25% short on production this year.

5.4.2. Dexter Fish Facility – Proffitt - water quality has decreased, with temps up to 72° and then dropped down to 65°. We are seeing high levels of TDG's and turbidity. May be related to the drawdown at Lookout. It has affected fish health with juvenile fish and it may also be affecting the adult run.

Mullan- What was happening in July? The elevation changes are unusual for that time of year, in addition to it being a warm year. Were there still fish below the dam.

Proffitt – Right before we opened the trap, the TDG's below Dexter went up above 130%. It appeared that many of the fish below Dexter disappeared after that.

Couture – The shortage of fish will affect outplanting and RM&E Fish. No fish outplanted above Hills Creek this year.

Garletts – The north shore boat ramp will be closed for up to 3 years.

Proffitt – Has there been any movement on extending the fish collection window during the rebuild?

Wertheimer – The PDT is looking at potential possibilities for extending the window.

5.4.2.1. Maintenance activities needed or recently completed.

Proffitt – The power line outage did not affect the fish facility.

5.4.2.2. Dexter Fish Facility Header Pipe – See ACTION items.

5.4.3. Fall Creek Fish Facility – Garletts – Planning on shutting down on 16 October if possible. This year 117 NOR Chinook hauled upstream. 14 hatchery Chinook returned to the tailrace. 50 Winter steel head moved above Fall Creek.

5.4.3.1. Maintenance activities needed or recently completed. Garletts – No major maintenance items.

5.5. Bull trout and Oregon Chub (Taylor) No update.

5.6. WFFDWG/Research updates (Laird) No update.

5.7. Water Quality updates (S. Hart) No update.

5.8. Flow update (S. Hart) No update.

5.9. BPA updates - No update.

5.10. Pinniped Updates - Wertheimer – 10 animals in the Bonneville tailrace. 3 SSL removed during the week of Sept 11. Will try to remove again in October and November.

6. HGMP BiOp T&Cs

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

6.2. Use of natural origin broodstock.

6.3. Bennett Counts (ODFW)

6.4. Lebanon Counts (USACE) Khan – Expecting the PIT to be functional for the October fish releases.

6.5. Leaburg Counts (EWEB/USACE) Sachs – All equipment for new cameras has been delivered. Meeting with EWEB for an install date of 9/28.

6.6. Reducing pHOS in the McKenzie River - Leaburg sorter. The Leaburg trap is being at this time.

- 6.7. Improving broodstock holding at Willamette Hatchery
- 6.8. Analyze steelhead genetics (ODFW)
- 6.9. Assess future effects of hatchery summer steelhead in the North and South Santiam Rivers. (ODFW)
- 6.10. Assess genetic pedigree of Chinook salmon (up to 2019 and then every five years after) – See Action Items.
- 6.11. Assess salmon spawning above federal dams
- 6.12. Adaptively manage hatchery salmon outplanting above federal dams.
- 6.13. Willamette Chinook Salmon Database.
- 6.14. Three-year report for NMFS SFD. Report due 2022.

7. Willamette Valley Production Contracts

- 7.1. Willamette Hatcheries - Wertheimer – Did not have enough funding for 172k Chinook and 155,300 Summer Steelhead.
Couture – Will want to discuss how we can get it planned back into future contracts.
- 7.2. Trout Production – Wertheimer – The base of 97,568 pounds of trout has been awarded. If more funding is found through December, additional CLINs could be added.
Couture – These are mitigation priorities and responsibilities from the States prospective and we would like to be involved to a greater degree of involvement the determining priorities in the future.

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

Ongoing:

- 8.1. 21CGR02 Cougar Butterfly Valve Replacement (2024?)
- 8.2. 22DEX02 MOC Fish Facility Rebuild IWW periods. Proffitt/Rerecich – Request for review of the Adult Collection Period. Currently set at June 15 to July 15. Proffitt would prefer to open the ladder on June 1. Wertheimer – There will be an update from Rerecich next week.

9. Task Group/PDT Updates.

- 9.1. Willamette Valley Operational Fish Passage Measures (PDT)
- 9.2. Green Peter Outplanting Task Group – All fish for the 2023 season have been outplanted. Contract for Spawning Surveys has been awarded as of 9/22. Surveys will start the week of September 24th.
Mullan – It would be great to have Middle Fork Santiam surveys added in the future.
- 9.3. Safety and Environmental corrections (PDT)
- 9.4. Hatchery Non-routine maintenance/repairs (PDT)
- 9.5. McKenzie Water Supply Task Group/PDT – Mackey – PDT funding request included in FY26 budget.
- 9.6. Willamette Basin Independent Science Review – Wertheimer – We will give a further update next month.

10. Fish Operations Plan: WFOP homepage:

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