

MEMORANDUM FOR THE RECORD

Subject: FINAL minutes for the 23 September 2020 WFPOM meeting.

The meeting was held via conference call. In attendance:

Last	First	Agency	Email
Gallion	Darren	NWP-FFU	Darren.G.Gallion@usace.army.mil
Garletts	Doug	NWP-ODV	Douglas.F.Garletts@usace.army.mil
Grenbemer	Greg	ODFW- Marion Forks/ Minto	Greg.A.Grenbemer@state.or.us
Helms	Chad	NWP-ODV	Chad.K.Helms@usace.army.mil
Hinners	Brent	ODFW	Brent.A.Hinners@state.or.us
Hudson	Mike	USFWS	michael_hudson@fws.gov
Jundt	Melissa	NMFS	melissa.jundt@noaa.gov
Kovalchuk	Erin	NWP-ODT-F	Erin.H.Kovalchuk@usace.army.mil
Kremers	Kurt	ODFW	kurt.kremers@state.or.us
Kruzic	Lance	NOAA	Lance.Kruzic@noaa.gov
Kuryachy	Artem	NWP	Artem.K.Kuryachy@usace.army.mil
Mackey	Tammy	NWP-ODT-F	Tammy.M.Mackey@usace.army.mil
McClain	Nathan	NWP-FFU	Nathan.A.McClain@usace.army.mil
Neuenhoff	Rachel	NWP-PME	Rachel.D.Neuenhoff@usace.army.mil
Reis	Kelly	ODFW	Kelly.E.Reis@state.or.us
Schwabe	Lawrence	Grand Ronde Tribe	Lawrence.Schwabe@grandronde.org
Tidwell	Kyle	NWP-FFU	Kyle.S.Tidwell@usace.army.mil
Walker	Chris	NWP-ODT-F	Christopher.E.Walker@usace.army.mil
Watts	Joel	ODFW	Joel.Watts@state.or.us
Ziller	Jeff	ODFW	Jeffrey.S.Ziller@state.or.us

1. Final decisions or recommendations made at this meeting.

1.1. August meeting minutes were approved.

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/

2.1. Agenda, Fish Passage O&M coordination team

2.2. Coordination forms (MOC/MFR)

3. Action Items

3.1. [August 20] **Cougar Fish Facility** - ACTION: Helms will send the male/female counts to Kremers. *Status: Completed.*

3.2. [August 20] **Willamette Chinook Salmon Database** - ACTION: Walker will email the data and post online. *Status: Completed. The data was posted online and a link sent via email to Mullan.*

3.3. [June 2020] **Willamette Chinook Salmon Database** - ACTION: Walker will post 2018 and 2019 spawning survey data to the WFPOM website:

https://pweb.crohms.org/tmt/documents/FPOM/2010/Willamette_Coordination/Willamette%20HMT/Fish%20counts/ (bottom of page). *Status: Completed*

4. Updates

4.1. North Santiam

4.1.1. Marion Forks Hatchery – All hatchery staff were evacuated on 07 September. They were able to get some crews in to keep fish alive. The staff were able to return as of 23 September and soon the families will be able to join them. Weir screens were plugging with debris. Lots of adult Chinook were present and jumping at the intakes. The fire is still burning. It came within 5 miles of the hatchery. Fish are fine but the hatchery is behind in terms of production.

4.1.2. Minto Fish Facility – All fish were spawned (494 pairs), 23 pair were non marked. The BKD rate is higher than normal at 14%. They had to double up the females; the eggs went to Roaring River instead of Marion Forks. Grenbemer acknowledged several people that came down to help spawn. Fish mortality was low. The generator stayed on and fuel trucks were able to get through. Walker asked about major damage. The storage building, lift truck, flatbed truck, trailer, generators, pumps, excess equipment and the JFR pipe are gone. Grenbemer said that Minto needs a major inspection. Mackey said that as soon as possible, the COE will be sending an inspection team and develop a plan to address any concerns. The COE wants to make sure that the building and equipment are safe before returning to normal operations. Grenbemer has been making sure that water is flowing and has done some light debris removal for safety reasons. Mackey had received an email from Graham-Hudson inquiring about the plan. Mackey will respond directly to her with the plan as described today. Grenbemer asked who the lead is, the Valley or Portland District. Mackey anticipates that the Valley will be, but it hasn't been decided yet.

4.1.2.1. Maintenance activities needed or recently completed.

4.2. South Santiam

4.2.1. South Santiam Hatchery – Crews are spawning right now. Staff is at full capacity this week.

4.2.2. Foster Fish Facility – no update

4.2.2.1. Maintenance activities needed or recently completed.

4.2.2.2. Ladder and Adult Collection Issue

4.2.3. River Bend Adult Release Site – no update

4.3. McKenzie

4.3.1. McKenzie Hatchery- The fire stopped short of the facility, but they were out of power for 12 days. Staff have now moved back into the housing.

4.3.2. Leaburg Hatchery – All McKenzie fish were at Leaburg. EWEB called ODFW to let them know that they were draining the lake lower than the intake for the hatchery. Crews scrambled up to the hatchery to release ~700K juvenile fish. Two ponds of the Coast Fork stock died before crews reached the fish due to lack of water. The fish loss was ~10%. The brood stock was also released. Out of the 630 broodstock, they lost ~150. The dam was open, and fish were swimming upstream. Kremers doesn't know the fate of the fish. The staff is now scrambling to get brood stock back. On Monday, Leaburg crews spawned 58 pair and shipped over to S. Santiam in case they lose the intake again. EWEB brought the lake back up for fire resource needs. Kremers acknowledged all the help they received in releasing fish. The fire damage included the building that housed the well head. There is no domestic water. Several buildings burned. Domestic water is the major priority to get staff back in the houses. A tractor melted. The fire came to the back door of a house and several fences were burned. A volunteer firefighter worked to save those houses and the facility. Kremers is hoping to make brood and eggs. Crews are still trapping on the left bank ladder but there aren't many fish. The sturgeon survived due to efforts by the McKenzie firefighters. They sprayed a tank of water into the pond of sturgeon. If the lake is pulled down again, they would need to move the sturgeon. Mackey asked if they could go to Bonneville hatchery. Ziller is considering several options, including leaving them in their current pond and recharging the water. Pathology is a problem

when moving sturgeon between hatcheries. The lake is going to be lowered at the beginning of November through the spring.

Email update from Andrew Janos, EWEB:

I wanted to give folks an update regarding the status of Leaburg Lake since we last discussed the issue in the email below (9/1). Due to the anticipated high debris loads following storm/high water events, as the result of the Holiday Farm Fire, EWEB will evaluate each storm that comes in from this point forward, but unless something changes we plan on leaving the lake full until winter storms start in earnest somewhere around November 1. The lake is currently being used as an important and accessible source of water to fight the fires as well as the usual source of water for the Leaburg Hatchery and will continue to be for the time being. ODFW is aware of the precarious water situation and has made contingencies to move fish to the South Santiam Hatchery if conditions change, and may have moved some already. EWEB will notify them as early in the decision making process as possible, so that any remaining fish can be safely moved. As you may have heard, the lake was drawn down and the Project was evacuated on September 8th, which resulted in the hatchery releasing all of the Chinook brood back into the river. The lake was slowly brought back up on September 12-13, and ODFW began re-trapping fish in the LB ladder beginning on the 14th. They are on their way to meeting their brood goals and began spawning fish this week. The intent is to move the fertilized eggs back to the McKenzie Hatchery after spawning commences in a couple weeks.

- 4.3.3. Cougar Fish Facility** – There was minimal fire damage to the powerhouse or facility. After the units tripped off, the operator opened the RO and left the units on station power. The facility continued to run throughout the fire. ODFW PIT equipment burned. Total returns were 168, 89 returned a second time and outplanted above the dam. Plus, there were six hatchery fish for a total of 95 fish outplanted above the dam. ODFW out planted 181 females and 130 males from Leaburg above Cougar in addition to Helm’s numbers. The release locations were the Forsell Crossing and the 430 bridge.
 - 4.3.3.1. Maintenance activities needed or recently completed.**
- 4.4. Middle Fork**
 - 4.4.1. Willamette Hatchery** – Crews are done hauling the rainbows. They spawned 260 pairs. There was a higher than normal rate of BKD. Crews spawned 136 pairs of S. Santiam stock and 43 pairs of the Willamette stock.
 - 4.4.2. Dexter Fish Facility** – no update
 - 4.4.2.1. Maintenance activities needed or recently completed.**
 - 4.4.3. Fall Creek Fish Facility** – The facility was spared from the fire and they kept the facility open. They did lose power and had to turn on the generator. No fish were harmed when the power went off. To date, they have hauled 832 non-marked Chinook (519 males, 310 females and 3 jacks) and released at the spawning ground. The last non-marked fish was hauled on 8 September. Fires were all around the facility and there was a lot of smoke. Ziller reported that there were several instances of illegal take on salmon. A log jam was removed. The forest is closed and Ziller hopes it reduces the illegal poaching of fish during spawning.
 - 4.4.3.1. Maintenance activities needed or recently completed.**
- 4.5. Bull trout and Oregon Chub (Taylor)** – All documents have been submitted and the contract should be awarded by end of fiscal year.
- 4.6. WFFDWG/Research updates (Neuenhoff)** – No updates. They are still planning and ranking studies.
- 4.7. Water Quality updates (S. Hart)** – Some gauges were lost in the fire. USGS is trying to get them back up and running.

- 4.8. Flow update (S. Hart) – no update
- 4.9. Pinniped Update (ODFW) – no update
- 4.10. BPA updates – no update

5. HGMP BiOp T&Cs

- 5.1. Production and Biometrics – included in the hatchery production contracts.
- 5.2. Use of natural origin broodstock. – At McKenzie, 8 males and 1 female were integrated into spawning. There aren't a lot of wild fish present but there are 8 more for the next spawning.
 - 5.2.1. MOC: 20WVP08 Integrate Natural Origin Chinook Salmon Adults into North Santiam and McKenzie broodstock
- 5.3. Bennett Counts (ODFW)
- 5.4. Lebanon Counts (USACE) – The PDT has several alternatives. The two alternatives that were in the ladder have been eliminated. Kuryachy explained the remaining three alternatives. The PDT is leaning towards the third alternative using a frame to mount the counter. All three alternatives meet the intent not to alter natural fish behavior. Jundt asked for any drawings that he has for review. The PDT received a question on picketed leads. The two lead options are based on either adult salmon or adult lamprey criteria. He asked if lamprey counts are a concern for this installation. Jundt said that adult lamprey would pass through the leads. The only issue would be that they are not counted. The focus is on spring Chinook not counting lamprey. Jundt said that she was fine with not counting lamprey. Mackey said that the COE is responsible for the Spring Chinook counts. Mackey thinks that if the increased cost is minimal then it would be better to count lamprey. Reis sent an email to Kelley about the lamprey counts and will respond to via email to Kuryachy after the meeting. Gallion would prefer the larger spacing of the leads if lamprey counts are not essential for debris issues. Kruzic thinks that the maintenance of the alternatives should be a high priority. Boat access is a major issue at the dam.
- 5.5. Leaburg Counts (EWEB/USACE)
- 5.6. Reducing pHOS in the McKenzie River - Leaburg sorter – The sorter was not damaged in the fire. The sorter was operated in mid-August for 13 days. The sorter diverted about 20 fish-half hatchery, half wild. Ziller is looking at exit modifications to improve the sorter for this winter when the lake is drawn down. Ziller wanted to make sure that everyone understood that there is no passage through the ladder while the the lake is down. There is a possibility of passage through the roll gate for bigger fish like salmon and maybe lamprey. There are hundreds of hatchery fish in the river and little ability to get them out of the river right now.
- 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) – there is a call on 24 September on this topic.
- 5.11. Assess salmon spawning above federal dams
- 5.12. Adaptively manage hatchery salmon outplanting above federal dams.
- 5.13. Willamette Chinook Salmon Database. – Walker has been posting any data he gets to the web. The 2019 survey work did use the database that was developed by ODFW. Reis asked if there is a plan for regular updates. Mackey said that Walker will continue to update (post) and recommends greying out the topic unless there are other requirements. Walker asked everyone to look at the website and suggest improvements. In 2018, the data was formatted differently than 2019. The data is in an excel sheet plus access database.
- 5.14. Three year report for NMFS SFD. Report due 2022.

6. Willamette Valley Production Contracts

- 6.1. Willamette Hatcheries option year – The option year has been awarded. FY21 will have a new contract that will be at least 2 years.
- 6.2. Trout Production – Walker is hoping to get this awarded next week.

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

Ongoing:

- 7.1. 20CGR01 Water supply Issues and Broodstock Collection at McKenzie Hatchery -Walker is hoping for additional funding in the next FY. Kremers had missed the last meeting and asked for an update. Walker said that there is another meeting on 24 September. Walker will update Kremers after the meeting.
- 7.2. 20FOS04 Passage Enumeration at Lebanon Dam – see 5.4.
- 7.3. 20DET03 MFR Additional CHS HOR Outplanting 2020 - this operation is most likely suspended due to the wildfires.

New:

- 7.4. 20DET04 MFR Detroit Reservoir Levels (Wildfires) – this was to slowly lower the water so people could get their boats off the lake.
- 7.5. 20FOS05 Interim spill operations for fish passage – comments are due 30 September

8. Fish Operations Plan: WFOP homepage:

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

- 8.1. Fish facility inspections and reporting. – Mackey said to expect a change form on the Foster interim spill operations.

9. Task Group/PDT Updates.

- 9.1. Safety and Environmental corrections (PDT)- depends on funding in the next FY.
- 9.2. Hatchery Non-routine maintenance/repairs (PDT)
- 9.3. McKenzie Water Supply (PDT)