

## MEMORANDUM FOR THE RECORD

Subject: DRAFT minutes for the 26 February 2020 WFPOM meeting.

The meeting was held in the Steelhead Room at the ODFW Office in Salem, OR. In attendance:

Last	First	Agency	Email
Bengtson	Dustin	NWP-WV	<a href="mailto:Dustin.E.Bengtson@usace.army.mil">Dustin.E.Bengtson@usace.army.mil</a>
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On the phone: Bengtson, Boyd, Garletts, Grenbemer, Helms, Hiner, Hudson, Jones, Neuenhoff, Sachs, and Wertheimer.

1. **Final decisions or recommendations made at this meeting.**
  - 1.1. January meeting minutes are 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/](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. **[January 2020] Water Quality updates** - ACTION: Taylor will provide Mullan some data from Kathryn Tackley on how much the TDG changes going downstream at McKenzie. *Status: Pending.*
  - 3.2. **[January 2020] 19CGR05 MFR Unit Outage** - ACTION: Taylor will check on the status of the long term solution to this occurrence. *Status: Pending.*
  - 3.3. **[January 2020] 20CGR01 Water supply Issues and Broodstock Collection at McKenzie Hatchery** - ACTION: Ziller will send out the electronic copy of the steep pass trap design to the group. *Status: Completed. Walker will post the design to the meeting folder.*

**3.4. [November 2019] Terms and Conditions of the BiOp** - ACTION: Mackey will look at how to fund fish counts, removal of hatchery fish at the Leaburg Ladder to both address pHOS as well as broodstock collection for the McKenzie, the short term water supply and brood stock issues, find out if spawning surveys above the dam is CRFM or O&M, see who will fund the analysis of the genetic samples and find out about the database management by the next meeting. Status: The meeting that would address these issues was canceled in November and December but there is another meeting next week. As soon as Mackey receives feedback from management, she will send out the information to the group. *Status: see 6.0.*

#### 4. Updates

##### 4.1. North Santiam

**4.1.1.** Marion Forks Hatchery – Fish production is going well. Chinook ponding will start next week. All the smolts from the year before have been transferred to Minto. There was a gas/diesel spill on highway 22 between the Hatchery and Idanaha, but it did not affect the hatchery.

**4.1.1.1.** Valves – Small projects is looking into a path forward. It is slow moving.

**4.1.2.** Minto Fish Facility – Four unmarked adult StW have returned. Counts at Willamette Falls are increasing so they are expecting more steelhead soon. The release of smolts went well.

**4.1.2.1.** Maintenance activities needed or recently completed – ODFW is putting together a spreadsheet of maintenance items. This agenda item will be the update on that list. Walker will post the list to the meeting folder each month. The solenoids on the air burst system have been replaced. All three errors on the PLC have been cleared.

**4.1.2.2.** Hopper operation – A procedure will be developed in case of a failure of the hopper/breaker. A job hazard analysis was created by ODFW for the hopper operation that will be reviewed internally from the Corps.

**4.1.2.3.** AWS gate – Several gates have gone bad. Maintenance thinks the problem is water leaking into the housing.

**4.1.2.4.** Juvenile Release Pipe – The issue has been sent to WFFDWG. It will be on the April agenda. If there are data gaps, then the issue will go to RME.

##### 4.2. South Santiam

**4.2.1.** South Santiam Hatchery – 600K smolts have been released. They have received fish for acclimation.

**4.2.2.** Foster Fish Facility – The ladder is in operation. Only three unmarked adult StW have been trapped.

**4.2.2.1.** Maintenance activities needed or recently completed.

**4.2.2.2.** Ladder and Adult Collection Issue – Khan is writing an MOC for the upcoming spill operation. Khan will also write an MOC for adult fish passage operations, similar to the adjustments that were made last year.

**4.2.3.** River Bend Adult Release Site – ODFW staff were able to adjust the location of the release site/pipe and think they will be able to use it for the rest of the steelhead season. Kelley asked if the River Bend site should be on the maintenance activity list. The problem is that the Corps doesn't own it but Mackey said it can go on the list so that the group can hear updates. Improvement to the site will be needed to outplant spring chinook

**4.2.4.** Foster Spill Operations – Khan will be submitting an MOC.

##### 4.3. McKenzie

**4.3.1.** McKenzie Hatchery (water supply) – the water supply MOC is discussed under 7.1. A PM has been assigned to the PDT to look at the water supply. The same PM is also

assigned to Cole Rivers. The scope of work is to look at all the potential water sources to supply the hatchery. Mackey's goal for the PDT is to have an independent water supply so that they do not rely on EWEB. Kelley asked if McKenzie hatchery has a water right to the McKenzie River water. Ziller said that they do but the point of diversion is at Leaburg canal.

- 4.3.2. Cougar Fish Facility – The AWS/SWS pumps have been reinstalled. The facility will open on 16 March.

- 4.3.2.1. Maintenance activities needed or recently completed.

- 4.3.3. Leaburg Hatchery (lease/use)

#### 4.4. Middle Fork

- 4.4.1. Willamette Hatchery

- 4.4.2. Dexter Fish Facility

- 4.4.2.1. Maintenance activities needed or recently completed.

- 4.4.3. Fall Creek Fish Facility – The facility will open on 16 March. Crews are completing maintenance items. Contractors are finishing changes to the head box to increase drain capacity. The water supply pipe lining contract work is not complete yet so staff will be monitoring to make sure pieces are not sloughing off like last year. Bengtson does not see anything that would delay starting operations on 16 March. Ziller asked why the facility isn't opened earlier to get the early part of the STW run. Garletts said that this topic has been discussed but they have had so much contract work going on that they could not start early. Garletts said the first STW came in 19 March last year.

- 4.4.3.1. Maintenance activities needed or recently completed.

- 4.5. Bull trout and Oregon Chub (Taylor) – the Corps is working internally to re-solicit the contract.

- 4.6. WFFDWG/Research updates (Neuenhoff) – WFDWG is cancelled for March. Spill will be 01 March – June 15 for the special operations at Foster.

- 4.7. Water Quality updates (S. Hart) – no update

- 4.8. Flow update – There will be modeling for refilling Detroit. The Water Management meetings will start in March. Flow updates for each subbasin will be removed from future agendas. Specific flow related items will be brought the WFPOM when appropriate.

- 4.9. Pinniped Update (ODFW) – No CSL but 2 SSL were observed in the lower Willamette.

- 4.10. BPA updates – no update

- 4.11. Next month environmental compliance

## 5. HGMP BiOp T&Cs

- 5.1. Production and Biometrics – included in the hatchery production contracts. All spawning survey biometrics need to be included in O'Malley's catalogue.

- 5.2. Use of natural origin broodstock – the forecasts for the Willamette returns are the same as last year. Kruzic asked for written proposals on integrating wild with hatchery brood stock.

- 5.3. Bennett Counts – ODFW will keep responsibility. 51 unmarked adult STW have passed.

- 5.4. Lebanon Counts – Wertheimer would like to do a site visit with Kruzic because he has many logistical questions.

- 5.5. Leaburg Counts – EWEB has the count equipment in place. Wertheimer wants to discuss the Leaburg situation at the same time as Lebanon. ODFW will take the Bennett dams and the Corps will take the other two. Wertheimer needs to know the full scope to create a cost estimate for funding.

- 5.6. Reducing pHOS in the McKenzie River - Leaburg sorter – discussed under 7.1.

- 5.7. Improving broodstock holding at Willamette Hatchery – Mackey continues to put this into the budget but it hasn't made the cut yet. Kruzic asked if the design could be done first, in case, a large chunk of money doesn't come up. Couture said there is an older design that will

need to be revisited before moving forward on construction. Mackey is trying to get a charter started in case a small pot of money becomes available.

- 5.8. Analyze steelhead genetics - the data was collected in 2018 but Kelley doesn't have an updated report of the analysis.
- 5.9. Assess future effects of hatchery summer steelhead in the North and South Santiam Rivers.
- 5.10. Assess genetic pedigree of Chinook salmon (up to 2019 and then every five years after) The North Santiam basin has been completed through 2019. The other basins were supposed to be CRFM funded but there may not be enough money. Mackey said there isn't any extra money in OM either so the analysis may be delayed. Kruzic said that the Cougar samples are the highest priority.
- 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.

## **6. Willamette Valley Production Contracts**

### **6.1. Willamette Hatcheries (ODFW)-**

#### **6.2. Trout (Desert Springs)**

- 6.2.1. 2020 Trout Stocking Schedule – Contract modification will be done to revert to ODFW's original proposal.
- 6.2.2. The new contract should be in place by mid-September (2022 stocking). Contracting is working on John Day mitigation right now. The request for proposal will go out in April.

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

- 7.1. 20CGR01 Water supply Issues and Broodstock Collection at McKenzie Hatchery (ongoing) – the plan is for ODFW to build the sorter and the Corps will pay a usage fee through the contract. Mackey said there is an understanding in the Corps that this is a longer term interim solution. It will be a contract modification for McKenzie hatchery. The operations and maintenance cost of the sorter should go into the usage fee. Couture asked about the Corps paying for the construction. Mackey explained that if ODFW was to go in that direction then the design would need to be reviewed internally, taking quite a bit more time, and then the Corps would own the sorter. If ODFW builds the sorter then charges a usage fee to recoup the cost, then ODFW would own the sorter.
- 7.2. 20WVP01 Pool Restrictions IRRM (ongoing) – no comments were received on the MOC. Hiner said that there the IRRM restriction on the refill of the Hills Creek dam is the same at 10' but they are requesting new refill rate. The justification is different than what was discussed last month. A large pile of rocks sloughed off the spillway chute and is sitting in the spillway. Reducing the rate of spill to match the max pool elevation to the refill date will help alleviate future risks of erosion. Hudson asked if the new information was going to be provided to the group. Walker said that he will send it out later in the day.
- 7.3. 20WVP02 MOC\_CHS CoastFk\_LittleFallCr2020 (ongoing) – ODFW will cover this action this year with the anticipation that next year, the Corps will know how to proceed. The fish were scheduled to go in February so ODFW made the switch with Leaburg even though it wasn't the preferred alternative.
- 7.4. 20WVP03 MOC Mitigation Trout Release Schedule ODFW 2020 (ongoing) – When the final schedule comes out, it needs to go into the MOC in the after action. The 10.1 table for the HGMP needs to be changed. Kruzic said that if the co-managers want a change then he can update the table and resend the document. This change is documented in this MOC for the admin record. The actual change in the schedule cannot be done until the contract

modification goes through. Ziller has an issue in Mid-March. There will be a tight timeframe to get a mod out before the change is needed in the schedule. Kruzic said the MOC can be used to request the HGMP change. Kelley wants the table that she sent out not the table in the MOC to be the new Table 10.1. Ziller suggests taking the original request for concurrence with the correct table and sending it to the Corps. Mackey said that since both ODFW and Corps have their names on the HGMP then they both need to send a letter. Ziller will send a new letter of concurrence to NOAA and cc the Corps. The Corps will send its own letter.

**8. 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/)

**8.1.** Fish facility inspections and reporting. – In section 7 for each sub-basin, there is a requirement for inspecting the facilities. Minto and Foster are now under the WV hand receipt not the District office. The section details some monthly reports on the facility inspections. Currently, preventative maintenance is integrated in the FEM standard maintenance which has documentation. Mackey said that maintenance is part of the reporting but there are other fish related specifics. Garletts said that they used to send that information to Andy Traylor who sent it out to the group. Mackey thinks that if these inspections are being completed that just a place to keep the records might all that is needed. The reports will be sent to Walker who will post them to the website. ODFW sends fish related reports, as required by the contract, to Wertheimer.

**9. Task Group Updates.**

**9.1.** SWIFT, Flow task group (Piaskowski)