

## MEMORANDUM FOR THE RECORD

Subject: FINAL minutes for the 27 January 2021 WFPOM meeting starting at 1000 hrs.

The meeting was held via conference call. In attendance:

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## 1. Approve December W-FPOM minutes

### 2. Action Items

**2.1. [September 2020] ACTION:** Kruzic will update trout HGMP.

**2.2. [December 2020] ACTION:** Gallion will reach out to FishBio to verify system specifications regarding ability to determine adipose fin status. KB – current version of the Vaki River watcher are able to determine clipped vs. unclipped fish. Older ones were not able to do so. (completed)

**2.3. [December 2020] ACTION:** Walker will update the memorandum/SOR 20DET05 Downstream Fish Passage Operation to reflect there is no screw trap monitoring. (completed, posted to the web)

**2.4. [December 2020] ACTION:** Walker will follow up to determine notification process for flow changes and send to ODFW & Grenbemer. Walker – taken care of. Greg should be getting emails of scheduled project operations. (completed)

### **3. Updates**

#### **3.1. North Santiam**

- 3.1.1.** Marion Forks Hatchery (Greg Grenbemer) – normal operations. Fry ponding mid-late Feb/early march.
- 3.1.2.** Minto Fish Facility (Greg Grenbemer) – 1<sup>st</sup> two WSTHD last week. Smolt release 1<sup>st</sup> March.
  - 3.1.2.1.** Maintenance activities needed or recently completed.
    - 3.1.2.1.1.** Peirce- TDG meter is being shipped and maintenance crew is directed to install it when it arrives.
    - 3.1.2.1.2.** Wertheimer asked about hazard trees and contract update. Greg- several trees near shed and other likely to drop into the river. Wertheimer will provide update after discussion with contracting.

#### **3.2. South Santiam**

- 3.2.1.** South Santiam Hatchery
- 3.2.2.** Foster Fish Facility – Working with maintenance staff to clean site. Post sort pools haven't been cleaned since opening. Using firehoses & pressure washers to clean much of sediment out. Lots of debris against the face of the dam. Wertheimer asked about winter Steelhead. Boyd – none yet, only a few summers.
  - 3.2.2.1.** Maintenance activities needed or recently completed. Continuing winter maintenance.
- 3.2.3.** River Bend Adult Release Site – ODFW working with Linn County Parks to reinitiate the permitting process to improve the site for fish release and County Park' use.

#### **3.3. McKenzie**

- 3.3.1.** McKenzie Hatchery – Ryan Couture – about 1/3 of the usual production at McKenzie due to threat of post fire water quality from Cogswell Creek. The remaining production is at Marion Forks and Willamette Hatcheries.
- 3.3.2.** Leaburg Hatchery – (Couture) No word back from EWEB about addressing the canal so no fish at Leaburg. The conversation continued about water supply for the hatchery & domestic water supply. Walker – How much capacity do we have in the domestic water supply system? Couture – up and running. Longer term solutions, contract office was notified by USACE that upgrades and repairs would be the responsibility of ODFW so we are moving forward.
- 3.3.3.** Cougar Fish Facility – (Chad Helms) Schedule to open 10 March. Pierce – investigating more reliable valve system. Water is getting in and they fail, may move to pneumatic valves. Current 2 of 3 post sort pools are operational.
  - 3.3.3.1.** Maintenance activities needed or recently completed.

#### **3.4. Middle Fork**

- 3.4.1.** Willamette Hatchery – (Couture) Spring Chinook & Steelhead (juvenile) production going well.
- 3.4.2.** Dexter Fish Facility
  - 3.4.2.1.** Maintenance activities needed or recently completed.
- 3.4.3.** Fall Creek Fish Facility
  - 3.4.3.1.** Maintenance activities needed or recently completed. Garletts water supply contractor has demobilized. Testing water supply the 1<sup>st</sup> week of March, open fish facility the 2<sup>nd</sup> week of March.

**3.5.** Bull trout and Oregon Chub (Taylor) – No update. Chub contract is for 3 more years, Bull trout is for 1 year.

- 3.6. WFFDWG/Research updates (Neuenhoff) – USGS used a mixed model for mortality factors for juveniles above Lookout Point Dam. Screwtrap contract was awarded Friday to Cramer, they are working permits.
- 3.7. Water Quality updates (N. Buccola) –Turbidity monitoring above Breitenbush and others to monitor fire effects. Sampling Detroit Lake for nutrients and metals. A few more storm sampling trips this winter.
- 3.8. Flow update (S. Hart) – Kelly Reis ODFW asked why reinstalled spill gate was not used. Walker there was an attempt to use 3<sup>rd</sup> spillgate but it malfunctioned. Intent was to use all 3, only used 2, uncertain of extent. Tim Ernster – gate 3 was on hold for the auto gate which requires it to be on-seal. We were on a path of decreasing flows. Two gate operation was short. Grenbemer asked about standard operations and the auto gate. Ernster answered the details are in the memo. Several minutes of discussion about flow regulation in the WV.
- 3.9. Pinniped Update (ODFW) – No CSL, 1 SSL at Willamette Falls it is using the trap at Sportscraft Marine. Trapping efforts will resume when water levels decline. Wertheimer talked about sealion impact to Winter Steelhead migrating up and downstream at Bonneville Dam.
- 3.10. BPA updates

#### 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)
- 4.4. Lebanon Counts (USACE) – (Weirtheimer) two alternatives, in-ladder and above ladder, above ladder is very expensive. ODFW had concerns about in-ladder monitoring changing the in-ladder hydraulics. Watts (ODFW) talked about modeling flow through the ladder and concern about changing that flow. KB – still working toward a preferred alternative. Corps producing 2D flow model. Funding is also an issue, even if we had a design we cannot hit 1 May start date. Jundt (NMFS) – asked about a funding update. Mackey – funding is dire, current thinking to get into position to make 1 May 2022 start. Reis – how can I feel confident it will proceed in 2022 given funding shortfalls this year. Mackey – This is a high priority item to fund, however given the timing we had to pause for this year. Will be priority next year. Lance Krusic (NMFS) important to get this right even if it means some delay. If there are things we could do to get an indication of the run status (hatchery / wild ratios), anything we can learn this season to help going forward would be good. Also interested in total run size, this is only one ladder of two.
- 4.5. Leaburg Counts (EWEB/USACE)
- 4.6. Reducing pHOS in the McKenzie River - Leaburg sorter
- 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) – No update
- 4.11. Assess salmon spawning above federal dams. Mackey – not budgeted for in FY21, potential for FY22 depending on size of scope. Question if this is RM&E funded, should we be talking about this tomorrow? Mackey – we are still debating the funding source internally.
- 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.

#### 5. Willamette Valley Production Contracts

- 5.1. Willamette Hatcheries contract (new) – Walker need to be awarded this year.
- 5.2. Trout Production – Walker – also need to be awarded this year for 2023 delivery.

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

Ongoing:

- 6.1. 20FOS04 Passage Enumeration at Lebanon Dam – Walker need to capture discussion to finalize memo.
- 6.2. 20DET05 Downstream Fish Passage Operation – Mullen asked about flow control criteria

New:

- 6.3. 20HCR02 Downstream Fish Passage Operation – No questions
- 6.4. 21BCL01 MFR Forced Turbine Outage – (Walker) Comments due Feb 8<sup>th</sup>.
- 6.5. 21BCL02 MFR Spill Gate Malfunction

**7. Fish Operations Plan:** WFOP homepage: Walker change forms due February 15<sup>th</sup>. If there are several we can set up stand alone meeting. If not they will be handled at WFPOM. Mullen – there has been a reduction of staff at NMFS making it difficult to get them to you.

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

**8. Task Group/PDT Updates.**

- 8.1. Safety and Environmental corrections (PDT)
- 8.2. Hatchery Non-routine maintenance/repairs (PDT)
- 8.3. McKenzie Water Supply (PDT)

**Meeting ended at 11:17**