

Subject: FINAL minutes for the 27 October 2021 WFPOM meeting starting at 1000 hrs. ending at 1039 hrs.

The meeting was held via WebEx on-line meeting and call-in number. In attendance:

Last	First	Agency	Email
Bengtson	Dustin	NWP-ODV	Dustin.E.Bengtson@usace.army.mil
Boyd	Brett	ODWF S. Santiam	brett.h.boyd@odfw.oregon.gov
Couture	Ryan	ODFW	Ryan.B.Couture@odfw.oregon.gov
Ernster	Timothy	NWP-ODV	timothy.a.ernster@usace.army.mil
Gallion	Darren	NWP-ODT-FFU	Darren.G.Gallion@usace.army.mil
Garletts	Doug	NWP-ODV	Douglas.F.Garletts@usace.army.mil
Gibbons	Karrie	NWP-ODT-FFU	karrie.m.gibbons@usace.army.mil
Gonzales	Colby	ODFW – McKenzie	Colby.l.Gonzales@odfw.oregon.gov
Grenbemer	Greg	ODFW M.F. & Minto	Greg.A.Grenbemer@odfw.oregon.gov
Jundt	Melissa	NMFS	Melissa.Jundt@noaa.gov
Kruzic	Lance	NMFS	lance.kruzic@noaa.gov
Mackey	Tammy	NWP-ODT-F	Tammy.M.Mackey@usace.army.mil
Madson	Patricia	NWP-ODT-FFU	Patricia.L.Madson@usace.army.mil
McClain	Nathan	NWP-ODT-F	Nathan.A.McClain@usace.army.mil
Smith	Glen	BPA	
Trachtenbarg	David	NWP-PME-F	david.a.trachtenbarg@usace.army.mil
Walker	Chris	NWP-ODT-F	Christopher.E.Walker@usace.army.mil
Wertheimer	Robert	NWP-ODT -FFU	Robert.H.Wertheimer@usace.army.mil

**1. Final decisions or recommendations made at this meeting**

**1.1. Approved September W-FPOM minutes**

**2. Action Items**

- 2.1.** [October 21] Dexter Fish Facility – Couture asked about Corps visit and status and scope of rebuild project, when ODFW & NOAA will be brought into the process. ACTION ITEM: Walker will find out when ODFW & NOAA can get involved.
- 2.2.** [October 21] 21WVP01 Fish and Wildlife budget shortages – ACTION ITEM: Walker will send out a new memorandum for FY22 budget shortfalls.
- 2.3.** [October 21] Walker will look into ODFW & NOAA involvement in Dexter rehab/rebuild process.

### 3. Updates

#### 3.1. North Santiam

3.1.1. Marion Forks Hatchery – Things are going well. Picking third group of eggs today. Deciding when to bring down BY 20 CHS to Minto. They have been floy tagging and recycling coho.

#### 3.1.2. Minto Fish Facility

3.1.2.1. Maintenance activities needed or recently completed.

3.1.2.2. Other items – No funding, no update.

3.1.2.2.1. Marion Forks Valves-repair/replace

3.1.2.2.2. Marion Forks painting of ponds

3.1.2.2.3. Minto JFR pipe-update

#### 3.2. South Santiam

3.2.1. South Santiam Hatchery – Busy with egg work, shipped eggs to Willamette green this year. Water hardened them at Foster, seemed to work pretty well. Working on 3<sup>rd</sup> group of eggs now. Should easily meet allocation. Fish health is looking good, no need to treat. November 10<sup>th</sup>, releasing spring Chinook. Returning sockeye are currently euthanized and sent to landfill or used for educational purposes.

3.2.2. Foster Fish Facility – Keeping an eye on the trap. Very few summer steelhead, about 50-60% of brood goal.

3.2.2.1. Maintenance activities needed or recently completed.

#### 3.2.3. River Bend Adult Release Site

#### 3.3. McKenzie

3.3.1. McKenzie Hatchery – haven't started shocking and picking yet. Everything looks good. Will know more next week when egg picking begins. Preparing raceways for smolt release in the next couple of months. Intake from Leaburg canal is no longer useable – water level dropped after a gravel bar that previously blocked some water was removed. A little Trichodina & Ich around, got that treated, no big deal. Wertheimer asked if fish will be ponded at Leaburg. Didn't happen last year, there was enough water for early rearing. Ponding will likely occur again this BY at McKenzie

#### 3.3.2. Leaburg Hatchery

3.3.3. Cougar Fish Facility – Shut down October 19<sup>th</sup>, beginning winter maintenance. Collected 128 non-marked Chinook, 92 were recaptured and moved upstream of the reservoir as well as 14 ad-clipped Chinook. Did not collect any bull trout or lamprey this year.

3.3.3.1. Maintenance activities needed or recently completed.

#### 3.4. Middle Fork

3.4.1. Willamette Hatchery – High, ~60% pre-spawn mortality, similar to previous warm water years. held 300 pair MF stock at Foster where they were held and spawned successfully, eggs transferred back.

3.4.2. Dexter Fish Facility – Couture asked about Corps visit and status and scope of rebuild project, when ODFW & NOAA will be brought into the process. Court injunction talks about work at Dexter Facility, but Walker is not on the PDT. ACTION ITEM: Walker will find out when ODFW & NOAA can get involved.

3.4.2.1. Maintenance activities needed or recently completed.

3.4.3. Fall Creek Fish Facility - Closed on October 18<sup>th</sup>, began maintenance, repair, cleaning. Translocated 96 non-marked Chinook moved upstream, also collected 40 ad clipped Chinook and 22 summer Steelhead returned to the tailrace. Collected one female Sockeye on last day of operation, returned to stilling basin.

3.4.3.1. Maintenance activities needed or recently completed.

#### 3.5. Bull trout and Oregon Chub (Taylor)

#### 3.6. WFFDWG/Research updates (Laird) – No one to provide update.

#### 3.7. Water Quality updates (S. Hart) – No one to provide update.

**3.8.** Flow update (S. Hart) – No one to provide update.

**3.9.** BPA updates – No one to provide update.

#### **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) – Being posted

**4.4.** Lebanon Counts (USACE) – Waiting on funding to move forward.

**4.5.** Leaburg Counts (EWEB/USACE) – Working with Jeff Fryer and Andrew Janos to clean up software glitched to help improve counting.

**4.6.** Reducing pHOS in the McKenzie River - Leaburg sorter – Trying to remove hatchery fish and collect brood stock but there have been water supply issues. Next Thursday meeting is year end wrap up. Last meeting this year for that group, will resume next year. Kruzie requested a season write up on operations – there were some valuable lessons learned we should try to document them. Plan is for verbal report next week, could be written down. Operations this year closing one ladder to force fish towards the sorter. Wertheimer provided unofficial summary of fish captured and fate.

**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

**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 – All base options were awarded as well as one future year option.

Funding a future year options will help reduce the FY22 budget shortfall.

**5.2.** Trout Production – Most options awarded. One options for 30,000 lbs of trout, was not. Couture asked about other future options. The final FY21 option for Trout will not be funded since doing so will create a shortfall in FY22 funding.

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

Ongoing:

**6.1.** 21WVP01 Fish and Wildlife budget shortages – Were able to make up most of these shortages, however trout contract is significantly short. ACTION ITEM: Walker will send out new memorandum for FY22.

**6.2.** 21CGR02 Cougar Butterfly Valve Replacement (2024)

**6.3.** 21DEX02 MFR Middle Fork Willamette Adult Chinook Outplanting

New:

**6.4.** 21CGR04 Outage of Units – Conflicted with the WFOP but consistent with the injunction measures to route water through the RO. WFOP will need to be updated to reflect injunction measures.

#### **7. Task Group/PDT Updates.**

**7.1.** Willamette Valley Operational Fish Passage Measures (PDT)

**7.1.1.** Current injunction operations (via email from Tackley):

**7.1.1.1.** Detroit Temperature Management - although not as good as an outcome as we have hoped for we were able to release water through the LRO.

However, we speculated that the accelerated drawdown to El. 1465 by mid-Oct played a role in destratifying the reservoir and may have depleted the cold water storage in Detroit sooner than in years past. Water temperature modeling will be conducted over the winter to better understand impacts and how to shape next year's operation.

**7.1.1.2.** Detroit Nighttime RO Prioritization - once the reservoir completely destratifies, the Corps will transition to nighttime RO spill, daytime generation (currently all water is being discharged through the UROs since temperatures at the elevation of the turbines is slightly warmer....we are trying to squeeze every little bit out of the temp operation).

**7.1.1.3.** Foster Fall Downstream Fish Passage - spill operations to continue through 15-Dec.

**7.1.1.4.** Cougar Deep Drawdown/RO Prioritization - continuing to drawdown the reservoir. Should reach target elevation of 1505 ft. by this weekend.

**7.1.1.5.** Hills Creek Nighttime RO Prioritization - will be starting once we hit El. 1460'...likely this weekend or early next week.

**7.1.1.6.** Fall Creek Extended Deep Drawdown - planned for this fall/winter

**7.2.** Safety and Environmental corrections (PDT) – No funding

**7.3.** Hatchery Non-routine maintenance/repairs (PDT) – No funding

**7.4.** McKenzie Water Supply (PDT) – No funding

- 8. Fish Operations Plan:** WFOP homepage: Walker will needs to set up separate meeting or use WFOPM to walk through capturing how we will be operating over the next few years.

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

- 9. Next W-FPOM:** 08 December 2021 (Nov/Dec) Combined November & December meeting.

- 10.** Meeting ended at 1039 hours.