

Subject: FINAL minutes for the 8 December 2021 WFPOM meeting starting at 1000 hours ending at 1043 hours.

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
Brandtner	Christine	NWP-ODT-FFU	christine.m.brandtner@usace.army.mil
Budai	Chris	NWP	Christine.M.Budai@usace.army.mil
Couture	Ryan	ODFW	Ryan.B.Couture@odfw.oregon.gov
Gallion	Darren	NWP-ODT-FFU	Darren.G.Gallion@usace.army.mil
Grenbemer	Greg	ODFW M.F. & Minto	Greg.A.Grenbemer@odfw.oregon.gov
Helms	Chad	NWP-ODV	Chad.K.Helms@usace.army.mil
Jundt	Melissa	NMFS	Melissa.Jundt@noaa.gov
Mackey	Tammy	NWP-ODT-F	Tammy.M.Mackey@usace.army.mil
McClain	Nathan	NWP-ODT-F	Nathan.A.McClain@usace.army.mil
Peck	Dan	ODFW	Dan.Peck@odfw.oregon.gov
Pierce	Todd	NWP-ODV	Todd.M.Pierce@usace.army.mil
Romer	Jeremy	ODFW	Jeremy.D.Romer@odfw.oregon.gov
Taylor	Greg	NWP-ODV	Gregory.A.Taylor@usace.army.mil
Wakeland	Torey	Grand Ronde	torey.wakeland@grandronde.org
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 October 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. – Region will be engaged at WFFDWG. Contacts from NMFS and ODFW already involved. Next WFFDWG meeting will likely be in the new year. Couture asked to be added to the dist. list. Fenton runs the WFFDWG 1<sup>st</sup> Tuesday of each month. He recently cancelled the December and January meeting due to lack of actions. He might reconsider.
- 2.2.** [October 21] 21WVP01 Fish and Wildlife budget shortages – **ACTION ITEM:** Walker will send out a new memorandum for FY22 budget shortfalls. Still early to determine where we are at, will know more in the next couple of months.

### 3. Updates

#### 3.1. North Santiam

**3.1.1.** Marion Forks Hatchery – going well. Eggs have hatched and otolith marking is ongoing. Just hired two new employees to replace one that left and one that retired. Working on short list of safety items. Wertheimer plans to meet with Greg G. to go over the Corps env/safety report.

#### 3.1.2. Minto Fish Facility

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

**3.1.2.2.** Other items

#### 3.2. South Santiam

**3.2.1.** South Santiam Hatchery – Boyd, clean bill of health, on track to make size goals at release. All ponds are full, doing a lot of feeding, fall leaf removal. 1<sup>st</sup> Summer STH spawn on 1<sup>st</sup> of December, might be about 35% short of allocation goal based on adult collected.

#### 3.2.2. Foster Fish Facility

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

3.2.2.1.1. Working with Nate Jones (Foster-USACE) to develop annual maintenance list to be worked on once spawning is complete.

3.2.2.1.2. Treatment System– all valves are manually operated if they could treat more often may have saved a few fish. Want to move to an automated system. This repair will be critical to ensure that we can hold and outplant NOR's above Foster and Green Peter

3.2.2.1.3. Pierce – Turnbuckles a little loose on the hopper structure used for outplanting.

3.2.2.1.4. Crowding channel crowder's wheels have worn down and is becoming difficult to push, hope to replace.

#### 3.2.3. River Bend Adult Release Site

#### 3.3. McKenzie

**3.3.1.** McKenzie Hatchery –Brood year 2021 eggs are at McKenzie, there has been some loss due to sediment, will know more when fish are ponded.

**3.3.2.** Leaburg Hatchery - all BY 2020 smolts are at Leaburg hatchery.

**3.3.3.** Cougar Fish Facility – Keeping water flowing for screw trap activity.

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

3.3.3.1.1. None to report

#### 3.4. Middle Fork

Willamette Hatchery – Dan – eggs have hatched, working on otolith marking. About 1 million short, working on path forward. dealing with PSM and low fecundity due to warm water, hoping cooler weather will help. Almost 60% PSM overall and 72% females. In a larger run year we would have been able to collect more quality adults and more of them. Collection pond was built in the 1980's with an earthen bottom, about 1 to 2' deep at end with water as warm as 60F. Wertheimer wanted to highlight the need for improved holding pond.

#### 3.4.1. Dexter Fish Facility –

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

#### 3.4.2. Fall Creek Fish Facility

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

3.4.2.1.1. Replacing water temperature sensors that have failed

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

#### 3.6. WFFDWG/Research updates (Laird)

- 3.7. Water Quality updates (S. Hart) – no one to provide an update
  - 3.8. Flow update (S. Hart) – no one to provide an update
  - 3.9. BPA updates – no one to provide an 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) – No update
  - 4.4. Lebanon Counts (USACE) – The injunction has prioritized PIT detection at Lebanon. To prevent electrical interference, we need to see PIT antenna design prior to installing a Vaki fish counting system.
  - 4.5. Leaburg Counts (EWEB/USACE) – Corps working with EWEB as well as ODFW to formalize an agreement and define rolls and responsibilities. EWEB is not required to count fish there, USACE is responsible for Leaburg Ladder counts as part of the Terms and Conditions of the Hatchery BiOp. Count infrastructure needs improvement. New FishTicks software version was problematic, EWEB has gone back to an older version and brought on Jeff Fryer (FishTicks) to help improve things.
  - 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)
  - 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 – Working to modify contract for Green Peter outplanting as well as awarding the first option year.
  - 5.2. Trout Production – All options were awarded except for ~30,000 pounds of trout for delivery in 2023.
6. **Coordination/Notification forms (need concurrence/discussion)**
- Ongoing:
- 6.1. 21CGR02 Cougar Butterfly Valve Replacement (2023)
- New:
- 6.2. 21HCR02 MFR Hills Creek Minimum Flow – Occurred while going from generation flow to RO flow as part of the court injunction to spill at night for fish passage.
7. **Task Group/PDT Updates.**
- 7.1. Willamette Valley Operational Fish Passage Measures (PDT) – RO operation for fish passage at Detroit. Spill at Foster, Fall Creek drawdown for downstream fish passage. Romer ODFW asked about lack of juveniles for use in evaluation of interim measures. Suggested the possibility of using a screw trap upstream of Cougar Reservoir (S.Fk.McK) to collect fry upstream and transport them to Smith Farm in Corvallis to grow them to size for PIT tagging. These fish would then be released back into the reservoir in the fall to help evaluate the interim operational measures for downstream juvenile Chinook passage. Taylor – the expert panel is working on the overall RM&E plan due the end of January. What ends up in that document will drive the RM&E that gets done. Lots of focus on juvenile fish, will the end of January work? Romer - Fish are in gravel right now, mostly out by June. Taylor - Corps is working against supply chain challenges to get enough operational screw traps. Romer –

ODFW may be able to assist with finding a screw trap and installation. Let us know what you find out.

- 7.2. Safety and Environmental corrections (PDT)
- 7.3. Hatchery Non-routine maintenance/repairs (PDT)
- 7.4. McKenzie Water Supply (PDT)

**8. Fish Operations Plan:**

8.1. Change forms due February 15<sup>th</sup>.

8.2. WFOP homepage:

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