

Subject: FINAL minutes for the 26 January 2022 WFPOM meeting starting at 1000 hours ending at 1052 hours.

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

Last	First	Agency	Email
Boyd	Brett	ODWF S. Santiam	brett.h.boyd@odfw.oregon.gov
Buccola	Norman	NWP-ENC-HR	Norman.L.Buccola@usace.army.mil
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Gonzales	Colby	ODFW – McKenzie	Colby.l.Gonzales@odfw.oregon.gov
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
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Mackey	Tammy	NWP-ODT-F	Tammy.M.Mackey@usace.army.mil
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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 November/December W-FPOM minutes

2. Action Items

NA

3. Updates

3.1. North Santiam

3.1.1. Marion Forks Hatchery – 10 to 14 days away from ponding BY21 CHS.

3.1.2. Minto Fish Facility – Got all BY20 smolts down from Marion Forks to Minto, a little smaller than usual. Releasing in March & April. Collected 1st winter STHD last week only 6 over Bennet.

3.1.2.1. Maintenance activities needed or recently completed.

3.1.2.1.1. Upgrading truck with guard rails and grip strut

3.1.2.1.2. Leak in airburst system, using backup and have ordered replacement parts.

3.1.2.2. Other items

3.1.2.2.1. Evaluation & Safety check list from March/Sep ERGO have been completed.

3.2. South Santiam

3.2.1. South Santiam Hatchery – Both stocks fine, no release issues. Releasing ~260k spring Chinook end of this month, Working through steelhead eggs, one more spawn of STHD still about a 30% shortage across the board dealing with allocation. STHD fry have hatched in stacks. Kruzic – completion of spawning for the Summers? Started early this year, could have spawned before Thanksgiving. Have about 15-16 pairs left, last spawn 2nd of February. Eggs taken before January 1st, for Santiam and Upper Willamette facilities. A few of eggs to Roaring River and the Coast Fork. Later will go for Clackamas and Sandy releases.

3.2.2. Foster Fish Facility – Trapped 2 W-STHD and hauled to River Bend. Able to get a truck close enough but there is a lot of erosion there. Will site be repaired for next year? On schedule to be complete in 2022 in water work period.

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 – Hatch house - ponding this weekend or early next week. Seeing more deformity in CHS eggs from adults spawned at Leaburg vs. fish spawned at S. Santiam. Starting to release BY 20 smolts. Sampling today to determine release date. May be a tad small due to BKD. Most have smolted and fish now in good health.

3.3.2. Leaburg Hatchery

3.3.3. Cougar Fish Facility – Shut down for winter. Scheduled opening March 14th or 15th.

3.3.3.1. Maintenance activities needed or recently completed.

3.3.3.1.1. Trying to re-fill propane tank for emergency generator.

3.4. Middle Fork

3.4.1. Willamette Hatchery – Fish health is doing well, Chinook fry have a little fungus, flooding caused silt up and fungus. Rainbows doing well, moving juvenile Chinook to S. Santiam soon. ERGO findings have been taken care of.

3.4.2. Dexter Fish Facility – Smolts are doing well, on schedule.

3.4.2.1. Couture asked for Dexter update – Walker they should be able to present plans at the March WFFDWG

3.4.3.

3.4.3.1. Maintenance activities needed or recently completed.

3.4.4. Fall Creek Fish Facility – Concerns about water level, cannot operate below reservoir elevation of 728'. Injunction has Fall Creek on a delayed re-fill. Usually starts at elevation 728'. Holding around 700' now till mid-March (28' below min pool). Start re-fill mid-March to reach 728' by mid-April. Facility will be late by one month. Will impact W-STHD collection and transport, no impact on Spring Chinook. Due to summer release of 100 cfs (injunction) facility will likely close early in 2022 due to lack of water supply. Elevation below 728'. Depending on rain fall the Facility may be operating for a very limited window. Looking at a typical year, could close as early as July or August.

3.4.4.1. Maintenance activities needed or recently completed.

3.5. Bull trout and Oregon Chub (Taylor)

3.6. WFFDWG/Research updates (Laird) – Planning and implementing studies for the court injunction. Fenton has cancelled February WFFDWG nothing to update. Place holder for March 2nd when maybe the Dexter team will be ready to discuss. Two studies: and USGS modeling Lookout Point reservoir morality, OSU submitting report on gill damage from copepods.

- 3.7. Water Quality updates (Norm Buccola) – most reservoirs passing inflow and will start to refill February 1st. Outflows are high, spilling Detroit & Big Cliff causing TDG elevated to 110%. Some reduced outflow at Hills Creek for trash rack clam shell ROV inspection. Delayed re-fill operation at Cougar, down to 1520 ft from 1532 ft mid-March. Refill timing is adaptive based on set of conditions in the Implementation Plan. Try to accrue at least 20,000 acre feet needed to operate temperature control tower. If not, dramatically colder summer temps and warmer winter temps. Spill: Detroit will start earlier than previous ops, Green Peter primarily supposed to be a fish passage operations but uses surface water that may change temperature downstream. LOP – spill ops to favor downstream passage, potential to warm river temps downstream of the dam. Brett Boyd asked if this will warm the Willamette and cause Spring Chinook to migrate past the falls earlier? The further you are from the dam the more muted the release water temperature will be. Likely flow and air temperature will be primary drivers of migration timing. So depends on flow year, these operations are unlikely to impact passage at Willamette Falls. Closer to the dams, at the facilities, more likely to see behavioral changes due to water temp. Will Green Peter & LOP have to potential to fill? Specifically to Green Peter should reach spillway crest in March, then supposed to spill for 30 days, so some spring spill. Likely to accrue some storage over spillway crest, but after we've complete the spill operations we could accrue more water if there is rain fall.
- 3.8. Flow update (see above by Buccola)
- 3.9. BPA updates – No update provided.

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) – Walker asked to be added to email distribution.
- 4.4. Lebanon Counts (USACE) – Waiting for PIT antenna install before installing fish counting equipment. Small PIT antenna PDT is working with expert to design antennas, install late October or early November. Wertheimer requested Fenton share antenna design when available.
- 4.5. Leaburg Counts (EWEB/USACE) – EWEB is working on software & hardware. New version did not work (FishTicks) moving to previous version will require older computer system. EWEB is writing up their plan forward to we can ensure counting is accomplished at Leaburg.
- 4.6. Reducing pHOS in the McKenzie River - Leaburg sorter. Plan for 2022 ops is posted to the website.
- 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)** – Fenton reported earlier . Pedigree work awarded to OSU, started working last fall, update this spring. Kruzic asked if North Santiam samples are on top of the list? Fenton believes so, following list the Rich P. had previously coordinated.
- 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 – Walker working to modify contract to include outplanting above Green Peter Dam including need for research fish, trying to reconcile with screw trap contract. Walker will reach out to ODFW. Working with contracting on first option year award, must be done by Feb 28th.

5.2. Trout Production – Stocking is on-going. Next option is not due for award until next September.

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

Ongoing:

6.1. 21CGR02 Cougar Butterfly Valve Replacement (2023) - No update

New:

6.2. 21BLU02 Blue River Ramp Rate (end of December)

6.3. 21DEX03 Dexter Ramp Rate

6.4. 212HCR02 MFR Hills Creek Minimum Flow

6.5. 22FOS01 Outage – to install radio telemetry equipment.

6.6. 22FOS02 Outage – debris building up on trash rack, planned February 1st.

7. Task Group/PDT Updates.

7.1. Willamette Valley Operational Fish Passage Measures (PDT) – Taylor updated these in meeting prior. We will be spilling at Foster in February.

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: WFOP homepage: Request for change forms sent out in December, any changes in the WFOP due are due February 15th to Walker, go through them in March, get them into the Plan by April.

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

The meeting ended at 1052 hours.