

MEMORANDUM FOR THE RECORD

Subject: FINAL minutes for the 26 May 2021 WFPOM meeting starting at 1000 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@state.or.us
Buccola	Norman	NWP-ENC-HR	Norman.L.Buccola@usace.army.mil
Budai	Chris	NWP	Christine.M.Budai@usace.army.mil
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Gallion	Darren	NWP-ODT-FFU	Darren.G.Gallion@usace.army.mil
Garletts	Doug	NWP-ODV	Douglas.F.Garletts@usace.army.mil
Gonzales	Colby	ODFW – McKenzie	colby.l.gonzales@state.or.us
Grenbemer	Greg	ODFW M.F. & Minto	Greg.A.Grenbemer@state.or.us
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Helms	Chad	NWP-ODV	Chad.K.Helms@usace.army.mil
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Laird	Rachel	NWP-PME-F	Rachel.D.Laird@usace.army.mil
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Scott	Shane	Public Power Council	shane@scottandassociates.com
Spear	Dan	BPA	DJSpear@bpa.gov
Tackely	Kathryn	NWP-ENC-HR	Kathryn.L.Tackley@usace.army.mil
Taylor	Greg	NWP_ODV	Gregory.A.Taylor@usace.army.mil
Walker	Chris	NWP-ODT-F	Christopher.E.Walker@usace.army.mil
Warner	Kathryn	NWP-ENC-HR	Kathryn.L.Warner@usace.army.mil
Wertheimer	Robert	NWP-ODT -FFU	Robert.H.Wertheimer@usace.army.mil
Ziller	Jeff	ODFW	Jeffrey.S.Ziller@state.or.us

1. Final decisions or recommendations made at this meeting.

1.1. Approval of minutes from March (including ODFW comments) and April, 2021

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/

2.1. Agenda, Fish Passage O&M coordination team.

2.2. Coordination forms (MOC/MFR)

3. Action Items

- 3.1. [April 2021] Pierce will follow up with Detroit crew foreman about PM for recirculating motors for the Minto raceways. Pierce could not attend. No progress yet, Minto is starting to hold brood and outplants and pumps would help immensely. Discussion about moving unused pumps from another project. Need solution soon as Minto is starting to hold fish.
- 3.2. [April 2021] Discuss T&C - Reducing pHOS in the McKenzie River - Leaburg sorter. Action: Couture thinks ODFW (Ziller) should be able to provide update on Leaburg sorter and discuss pHOS under Terms & Conditions. (*completed*)
- 3.3. [April 2021] Task group to further discuss F&W budget short fall will be scheduled in the next couple of weeks. (*completed*)

4. Updates

4.1. North Santiam (Grenbemer)

- 4.1.1. Marion Forks Hatchery – Going well, both intakes up and running, fish ponded and scheduled to be marked in July.
- 4.1.2. Minto Fish Facility – Collection going slow, only 47-48 F, 44 Winter Steelhead only 2 in last 2 weeks. 16 Summer Steelhead 7 marked Chinook 7 unmarked Chinook. Supplied some smolts for test of screw trap efficiency below Big Cliff.
- 4.1.2.1. Maintenance activities needed or recently completed. Lots of debris preventing AWS operation. Screens cleaned two weeks ago, lasted 48 hours, then 72 hours after next cleaning. This is causing the ladder to be out of compliance for flow discharge and hydraulic differential. Pump maintenance typically completed every other year (windings & bearings) has not yet been completed and it is uncertain if funding and time will be available this year. Todd's email, one pump will be serviced in the near future. Also working on a contract to remove hazard trees. 15-18 hazard trees, left by the fire, near the water. Corps crew has already removed the rest.

4.2. South Santiam (Boyd)

- 4.2.1. South Santiam Hatchery – Receiving Spring Chinook yearlings from Willamette H. Fall release group looks good, spring release arriving end of the week. Summer steelhead production confirmed to have cold water disease, medication on site, feed due tomorrow. Continue to perform routine maintenance.
- 4.2.2. Foster Fish Facility – Working adult trap starting 15 May, three times a week. 175 Chinook, mostly smaller fish lots of males and only two unmarked. Summer STH – only 27 adults, will have to ask others to hold brood stock for them. 39 W STH collected and moved upstream, mostly done. Lots of prep work for adult collection, handling, and receiving adults from the Willamette & McKenzie.
- 4.2.2.1. Maintenance activities needed or recently completed. Scheduling repairs to the actuators for treating out of basin fish they receive with formalin for fungus.

4.2.3. River Bend Adult Release Site

4.3. McKenzie (Gonzales)

- 4.3.1. McKenzie Hatchery – About 2 weeks ago, moved fish to Leaburg before water warmed up to 60 degrees F. Some signs of cold water disease. Adult ladder open since May 1st, only 3 cfs going out of the ladder, no adults collected.
- 4.3.2. Leaburg Hatchery – Some clipped fish entering Leaburg Hatchery trap. Ziller asked about fish movement in the ladder. Working to get additional flows to increase fish attraction.
- 4.3.3. Cougar Fish Facility – Adult just starting to show up, two Chinook so far. Floy tagged and released downstream.

4.3.3.1. Maintenance activities needed or recently completed. - Automatic transfer switch on emergency generator repaired last week. Things going well.

4.4. Middle Fork

- 4.4.1.** Willamette Hatchery – (Couture) – No health issues. Marking is well underway, post-marking transfers have occurred back to S. Santiam and other facilities.
- 4.4.2.** Dexter Fish Facility – All the '21 releases have occurred. Juvenile ponds getting cleaned and ready to receive fish after marking. Large pond getting cleaned. Trap getting set up as well for use this week or early next.
 - 4.4.2.1.** Maintenance activities needed or recently completed.
- 4.4.3.** Fall Creek Fish Facility – Garletts as of 5/24 passed 40 adult W Sthd. 19 adult Chinook. Water temp high 40's low 50's.
 - 4.4.3.1.** Maintenance activities needed or recently completed. Chad had nothing to add for maintenance.

4.5. Bull trout and Oregon Chub (Taylor) – Contracts are moving forward for both. Next year's chub contract on pace for September 30th. Bull trout - Some changes, extending existing ODFW contract.

4.6. WFFDWG/Research updates (Laird) – Still in planning process. Kickoff meeting with USGS desktop modeling of fry survival.

4.7. Water Quality updates (Buccola) – Watching temp below Detroit, increased spill ratio to 35%, temps in upper 40's. Targets increase June 1st will likely increase spill ratio then. Warm weather forecast for next week, looking to increase flows to buffer temps. Pool should remain above spillway for the next few weeks. Warm weather in the forecast, may increase flows to cool mainstem via McKenzie, Blue River, or Cougar.

4.8. Flow update (S. Hart) – Inflow just over 6k CFS, likely reaching peak reservoir fullness. Releasing near minimums at all projects, reserving water to buffer warm temps.

4.9. Pinniped Update (ODFW) – Couture Willamette observations last week, 0 SSL and 2 CSL. ODFW has removed 1 SSL and 8 CSL at Willamette Falls. From Bonneville, trap & removal activities have resulted in the removal of 13 SSL and 21 CSL.

4.10. BPA updates – No updates

5. HGMP BiOp T&Cs

- 5.1.** Production and Biometrics – included in the hatchery production contracts.
- 5.2.** Use of natural origin broodstock.
- 5.3.** Bennett Counts (ODFW) – Counts are flowing.
- 5.4.** Lebanon Counts (USACE) – Corps (FFU) deployed last year's cameras, removed some debris with the City of Albany, reviewing video, low passage to this point.
- 5.5.** Leaburg Counts (EWEB/USACE) – Walker is posting Leaburg counts, they are also on ODFW site as well. Ask Walker if you need the link.
- 5.6.** Reducing pHOS in the McKenzie River - Leaburg sorter (Ziller) Installed new pad and sorter has been moved into place, alignment better than last year. Installing pump and electric. Crew has been hired and may operate as soon as tomorrow. Working on dedicated power supply and fencing in facility. Colby asked about hours of operation. In general 2 or 3 pm to 10 or 11pm but will adaptively adjust to when fish are moving.
- 5.7.** Improving broodstock holding at Willamette Hatchery
- 5.8.** Analyze steelhead genetics (ODFW)
- 5.9.** Assess future effects of hatchery summer steelhead in the North and South Santiam Rivers. (ODFW)

5.10. Assess genetic pedigree of Chinook salmon (up to 2019 and then every five years after) – Trying to issue contract, waiting on acceptance.

- 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. Report due 2022.

6. Willamette Valley Production Contracts – Walker is working both of these contracts.

- 6.1. Willamette Hatcheries
- 6.2. Trout Production

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

Ongoing:

- 7.1. 20FOS04 Passage Enumeration at Lebanon Dam – previously discussed. Walker will post.
- 7.2. 21DET02 Detroit Water temperature and Fish Passage Measure 07 – (K. Tackley) difficulty implementing interim measures due to low flows/dry weather. Started spill at Detroit but reservoir will be below spill gates soon. Need to decide on split between turbine and RO spill. Will look back to 2015 (low water year) for options.
- 7.3. 21LOP01 Fish Passage Measure 21 – Currently below spillway crest, thus cannot implement spill operations. Will increase flows from Hills Creek to refill Lookout reservoir and spill, even if for a short time.
- 7.4. At Foster, soon switching from juvenile to adult operations. Temperature operations to start mid-June. Difficult as there is not much water to use for these operations. Storage from Green Peter will be used to refill Foster. Will discuss late summer/fall strategies with the region.
- 7.5. 21WVP01 Fish and Wildlife budget shortages (Mackey) – Received comments back from ODFW this morning, ODFW suggested continuing to raise Summer steelhead for release in 2022. There is also the question of why cut by Willamette hatchery by 6 months, why is that not enough to cover the shortfall? Related to multiple funding matches that need to occur (e.g. BPA vs appropriated, funding from multiple projects). As one budget is reduced does not equal same gain in other budgets. Asking for regional input in aspect of Corps budget where there is discretionary spending for FY21 – Willamette production and trout production. The remainder of Corps O&M budget is already set. Future budgets will have regional input on M&E as well as fish production. Tammy asked if other agency comments on the budget are forthcoming? Jundt (NOAA/NMFS) will check with her group.
- 7.6. 21CGR02 Cougar Butterfly Valve Replacement (2023) – Coordinating now, information required to be documented so Corps can move forward on the contract.

New:

- 7.7. 21CGR03 Cougar Adult Fish Facility Generator Auto Transfer Switch install – Work occurred May 18th and went as planned.
- 7.8. 21BLU01 RO Outage low flows – Will result in low flows ~15 cfs for about 5 hours, comments due June 3rd.

8. Task Group/PDT Updates.

- 8.1. Willamette Valley Operational Fish Passage Measures (PDT) – Provided by K. Tackley above.
- 8.2. Safety and Environmental corrections (PDT) – On hold waiting for funding
- 8.3. Hatchery Non-routine maintenance/repairs (PDT) – On hold waiting for funding
- 8.4. McKenzie Water Supply (PDT) – On hold waiting for funding. There is a task group meeting June 3rd.

9. Fish Operations Plan: WFOP has been posted homepage:

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

Meeting ended at 10:47