

MEMORANDUM FOR THE RECORD

Subject: Final minutes for the 28 September 2016 Willamette FPOM meeting.

The meeting was held at USACE NWP HQ, Block 300. Portland, Oregon. In attendance:

Last	First	Agency	Email
Chane	Ian	NWP	Ian.b.chane@usace.army.mil
Couture	Ryan	ODFW	ryan.b.Couture@state.or.us
Grenbemer	Greg	ODFW- Marion Forks/ Minto	Greg.A.Grenbemer@state.or.us
Hall	Elizabeth	NWP	Elizabeth.M.Hall@usace.army.mil
Kovalchuk	Erin	NWP-OD-TF	Erin.H.Kovalchuk@usace.army.mil
Mackey	Tammy	NWP-OD-TF	Tammy.M.Mackey@usace.army.mil
Sharpe	Cameron	ODFW	Cameron.sharpe@oregonstate.edu
Spear	Dan	BPA	djspear@bpa.gov
Turner	Dan	NWP	Daniel.F.Turner@usace.army.mil
Walker	Chris	NWP-OD-TF	Christopher.E.Walker@usace.army.mil

On the phone: Sharpe, Grenbemer, Couture, Spear, and Hall.

All documents may be found at http://www.nwd-wc.usace.army.mil/tmt/documents/FPOM/2010/Willamette_Coordination

1. Final Actions: July and August meeting minutes were approved.

2. Action Items:

- 2.1. [August 2016] Foster Fish Facility fish attraction issues. **ACTION:** Traylor and Walker will draft a MFR detailing any changes or tests to attract fish into the fish ladder. **Status:** Walker received a spreadsheet from Boyd and will write an MFR.
- 2.2. [August 2016] July WFPOM meeting minutes received comments from Burchfield. Kovalchuk will incorporate comments and approval will take place at the September WFPOM meeting. **Status:** Complete.

3. Updates

3.1. HMT Updates

- 3.1.1. North Santiam – The new weir at Marion Forks seems to be holding back the adults and there has not be any observed spawning above the weir. Fish growth and health are excellent. At Minto, spawning is complete - 462 females were spawned, only 1 Eliza BKD positive which is lowest in a long time. 2,944 chinook were collected and 1,238 were out planted in the North Santiam. Summer Steelhead collection was 4,342 which was the largest run since 2003.
- 3.1.2. South Santiam- Spawning wrapped up last week and there is plenty of brood. There have been some lifting problems at Foster which means that the staff can't handle fish in the way the system was designed. The project will resolve this issue when the facility is shut down.
- 3.1.3. McKenzie- on target to meet brood numbers. The pipeline project is completed.

- 3.1.4. Middle Fork- Spawning is going well at Willamette; the pre spawn mortality is much lower than last year.
- 3.1.5. [August 17] (Traylor via email) Funding for Cougar 2016 Genetic Samples. Traylor will follow up with Rich Piaskowski on funding for analysis of 2016 genetic samples from adults returning to Cougar. From Rich: "Here is a brief summary of pedigree analysis funding plans: Funding in 2016: North Santiam, South Santiam and Fall Creek Chinook. South Santiam winter steelhead. Funding process nearly complete for these so expect results to be available in winter/spring 2017. Funding in 2017: South Santiam winter steelhead."
- 3.1.6. [August 17] (Traylor via email) Foster Ladder Attraction. Couture will follow up with Brett Boyd. Sharpe will follow up with Chris Caudill to daylight any potential conflicts with current monitoring and studies being conducted by the University of Idaho
- 3.2. HGMP updates- Mackey said that USACE has not received a sufficiency letter from NOAA yet. (Traylor via email) HGMP updates should probably be removed as the spring Chinook ones are completed and submitted to NMFS. I'd like to get a sufficiency letter issued before moving on to StS or trout, just in case there are any revisions needed.
- 3.3. Research/FPT updates – [FK1]
- 3.4. Water Quality Updates – The temperatures are typical for this time of year. The water elevation at Cougar is dropping too low to use the water temperature control tower. The project will shift to the lower outlets which will cause a drop in temps. Currently Detroit is within range but starting October 1, they will need to open the upper RO to mix water temperatures in order to meet the October targets.
- 3.5. Flow update - Most projects are at near or minimum BiOp flows except for the South Santiam. MFR 16WVP05 coordinated a lower flow at 1200cfs for spawning.
- 3.6. BPA updates – no updates
- 3.7. Cougar Fish Facility – collected 274 unmarked spring Chinook, 160 transported above project. The project outplanted 48% of the recycled fish above Cougar and had been counting on a last September/early October push. A total of 222 spring Chinook (marked and unmarked) have been transported from the Cougar Fish Facility above the dam. Sharpe had concerns that Cougar would not be operating but Walker said that the pumps are working again.
- 3.8. Fall Creek Fish Facility- 418 unmarked Chinook planted above project, 71 clipped chinook return to tailrace, 8 winter steelhead and 56 summer steelhead were collected.
- 3.9. The contract for additional Minto pumps was awarded on September 28. The bearing work on the original pumps needs to happen during October.

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

- 4.1. 16CGR03 MFR Cougar Fish Facility Pump Failure- The pumps at Cougar failed and were down for one week. They were restarted on September 26. A new pump was purchased which gives the facility a total of four pumps. Since the facility requires only two pumps, there will be a full back system. Hall noted that the new pump won't be here until May.
- 4.2. 16DET04 MFR Minto Fish Facility Power Outage- In late July, the main breaker tripped for about one hour. All equipment stopped working including water pumps. At the time, Walker was unaware of the potential impact to fish and wrote the MFR after he learned about the near miss for a fish kill. Grenbemer noted that the design of the electrical system should be looked at and the front gate should move manually. The back-up generator did not work properly. A power analyzer has been installed and if the breaker trips again at least they will know why. Engineers noted that the settings on the breaker were set to very sensitive. Walker would like to be notified of the issues when they happen so that can he create an MFR. Detroit[sc2] has been having multiple pump failures due to ground faults.

- 4.3. 16DET05 MFR Minto Fish Facility Mortalities Power Outage- A circuit breaker tripped while lifting fish in a hopper. No one could respond fast enough because the breaker was located too high. There were approximately 60 hatchery-origin spring Chinook mortalities. The cause of the trip is unknown and Walker is looking into it. Walker said that they are looking into moving the panel to a more accessible location. Grenbemer noted that it was not a power outage but a trip of the breaker and Walker will change the title on the final version. Chane noted that if this hopper system is the same at Foster, it would be beneficial to look at the panel location there as well.
 - 4.4. 16FAL01 RO Repairs- NOAA would like to see monitoring and evaluation of the drawdown for fish passage and delay refill to gather more data about downstream fish passage. Chane said that the discussion of the repair should happen at the RM&E team meeting and then come back to WFPOM. The last comment on the MFR was that NOAA wants more coordination on the design but Walker noted that this is a repair not a modification. More discussion can happen if needed.
 - 4.5. 16WVP07 MFR Spawning Flows in the North and South Santiam Rivers- No comments
5. **Fish Operations Plan:** WFOP homepage: http://www.nwd-wc.usace.army.mil/tmt/documents/FPOM/2010/Willamette_Coordination/WFOP/
- 5.1. No pending change forms this month.
 - 5.2. Status of the 2016 WFOP. The draft will be provided in October and comments will be due at the end of December.
6. **Task Group Updates.**
- 6.1. Active Task Groups.
 - 6.1.1. North Santiam temperature targets (Walker)- The next meeting will be held after the October WFPOM.
 - 6.1.2. Flow task group/workshop (Piaskowski)-
 - 6.2. Not yet Active Task Groups.
 - 6.2.1. Summer Steelhead (Traylor/Taylor)

The next meeting will be held on October 26, 2016 at the Block 300 conference rooms, USACE NWP HQ, Portland, OR.