

Memorandum for the Record

SUBJECT: Minutes for the Willamette Fish Passage Operation and Maintenance Meeting September meeting.

The meeting was held in the Lobby Conference Room at USACE NWP HQ, Block 300. Portland, Oregon. In attendance:

Last	First	Agency	Email
Couture	Ryan	ODFW	ryan.b.Couture@state.or.us
Garletts	Doug	NWP-OD-V	Douglas.F.Garletts@usace.army.mil
Grenbemer	Greg	ODFW	Greg.A.Grenbemer@state.or.us
Helms	Chad	NWP-OD-V	Chad.K.Helms@usace.army.mil
Kovalchuk	Erin	NWP-OD-TF	Erin.H.Kovalchuk@usace.army.mil
Mullan	Anne	NMFS	Anne.Mullan@noaa.gov
Scullion	Mary Karen	NWP	Mary.K.Scullion@usace.army.mil
Traylor	Andrew	NWP-OD-TF	Andrew.W.Traylor@usace.army.mil
Walker	Chris	NWP-OD-TF	Christopher.E.Walker@usace.army.mil

On the phone: Couture, Garletts, Grenbemer, Helms, Kovalchuk, Mullan, and Scullion.

1. Final Decisions made at this meeting.

- 1.1. October meeting minutes were approved.
- 1.2. WFOP change forms
 - 1.2.1. 18OVE001 – Approved
 - 1.2.2. 18NS001 – Genetic samples – Approved
 - 1.2.3. 18NS002 – Winter Steelhead periodicity – Approved
 - 1.2.4. 18NS004 – Temperature Targets – Approved
 - 1.2.5. 18SS001 – Genetic Samples – Same as 18NS01 – Approved
 - 1.2.6. 18SS002 – Winter Steelhead periodicity - Approved
 - 1.2.7. 18MCK001 – IRRMs – Approved
 - 1.2.8. 18MCK002 – Genetic Samples - Approved
 - 1.2.9. 18MFW001 – Genetic Samples – Approved
 - 1.2.10. 18API001 – Notification process – Approved
 - 1.2.11. 18API002 – Notification process edits - Approved

2. Action Items

- 2.1. [Jan 2018] Research/FPT updates – ACTION: Walker will look into the MFW pre-spawn mortality study to see where it is at.
- 2.2. [Jan 2018] 18OVE002 – Maintenance schedules – ACTION: Walker will send the maintenance schedule to NOAA.
- 2.3. [Apr 2017] Form task group to examine adult fish facility operations to incorporate into the WFOP (Walker). *Pending in the next couple of months*
- 2.4. [Jul 2017] Contact Art Armour regarding Minto TDG gage data uploaded to the website in a readily-retrievable form that is regularly updated. *Pending. There are some problems with gauge readings. The housing around the gauge is solid. They are going to try a perforated housing so the water is flowing through it. All the software to add the TDG information to the PLC has been purchased.*

- 2.5. [Oct 2017] Traylor will follow up with the crane safety on the load testing question. *Status: Completed. The crane was load tested and used. All training has been completed and crews will be recertified again this year in February.*

3. Updates

- 3.1. HMT Updates – HMT was canceled last week.
- 3.1.1. North Santiam –Marion Forks has two ponds with BKD. Most of the N. Santiam smolts have been transferred to Minto. No sign of BKD at Minto. Hatchery production going well. Three StW have returned - a male and two females.
 - 3.1.2. South Santiam – Foster trap has been going with no StW returns to date. Crews are spawning StS (300 pairs to date). They should finish next week.
 - 3.1.3. McKenzie – The trap is closed. Chinook are beginning to pond. Lots of debris at one of the intakes but they were able to get it cleaned out.
 - 3.1.4. Middle Fork – Hatchery production going well. Couture has a list of deferred maintenance; one item on the list is the water damage to the roof. There has been email conversations about a valve that needs to be replaced at Dexter but the issue is how to do it within the contract procedures. The plan is to proceed with ODFW working directly with the contractor but since it is a sub-contractor multiple bids are necessary and need to be submitted to the NWP contracting office through Traylor.
- 3.2. HGMP updates – No update
- 3.3. Research/FPT updates – **ACTION: Walker will look into the MFW Pre-spawn Mortality study to see where it is at.** Email from update from Khan:
- 3.3.1. Foster Unit outage for dive ops. MOC was sent to Walker to coordinate Unit outage for dive operations on FEB 13-14 to install research radio telemetry antennas on the penstock trash racks for a fish passage study planned this spring. The Unit outage was already coordinated with BPA by the Foster OPM (Tom Voldbaek). POC for this work is Fenton Khan.
 - 3.3.2. Foster ladder PIT antenna work. No coordination required, but for awareness. ODFW researchers will be finishing up the modifications to the PIT antenna at the Foster ladder (mods are being done to accommodate future lamprey passage) in February (date TBD). This work will occur when the adult fish facility and ladder is dewatered for annual maintenance, so no special outage is required. We have been coordinating with Brett. POC for this work is Fenton Khan.
 - 3.3.3. Foster RM&E in March - June. We will be conducting spill operations with the new fish weir for a downstream fish passage study. The block treatment study design is still being developed with the RM&E team. POC for this work is Fenton Khan.
 - 3.3.4. Lookout Point RM&E in March - April. We may be conducting spill operations at Lookout Point for a downstream fish passage study. The block treatment study design is still being developed with the RM&E team. POC for this work is Fenton Khan.
 - 3.3.5. No other RM&E updates or requests. We are still in the FY18 planning stage. We will have more information and any outage requests at the February and March WFPOM meetings.
- 3.4. Water Quality Updates – Reservoir refill will begin on February 01.
- 3.5. Flow update – Reservoir refill will begin on February 01.
- 3.6. BPA updates
- 3.7. Cougar Fish Facility – The facility is closed for the season and reopening in mid-March. Crews are working on some general maintenance. There was a major rock slide that is preventing access but should be cleared before start up.

- 3.8.** Fall Creek Fish Facility – Commissioning is scheduled for the end of March or early April. Email update from Richards: Fish ladder work has resumed in preparation for tie in of the existing facility.
- 3.8.1.** Excavation for pools 12 and 13 is ongoing, last existing concrete wall at end of pool 12 has been exposed and ready for demolition.
 - 3.8.2.** Structural steel framing for the sort structure is ongoing with purlins, roofing, and cross bracing installation ongoing.
 - 3.8.3.** Installation of false weir and finger weir is ongoing.
 - 3.8.4.** New facility water piping is being fit up to existing facility transition and rectangular discharge pipes.
 - 3.8.5.** Approximately half of the sluice gates at the existing facility have been demolished.
 - 3.8.6.** Concrete weirs in pools 1 through 8 complete at the existing facility.

4. Willamette Valley Contract Status

- 4.1. Willamette Hatcheries (ODFW)** – Awarded, current. Option year mod by 1 Sept 2018. Working through some minor changes. If there are any management changes, they need to be in the next couple of months. It is easier to modify the contract before it is awarded than after.
- 4.2. Trout (Desert Springs)** – Awarded, current. Option for base amount of 100K lbs for 2019 deliveries awarded 31 December 2017. The COE has until July 1 to award the remaining options (additional poundage). Couture asked how to implement changes to the stocking schedule for 2019. Walker said that they are somewhat restricted by the contract but there is still time for some changes even though the base contract has been awarded. The scope has to remain similar but there can be minor changes. COE has not received the 2019 stocking schedule.
- 4.3. Monitoring and Evaluation** – Not awarded. Scope of work in development. **Spawning survey depends on funding.**

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

- 5.1.** 18BCL01 Turbine Testing – Test is going on today. Big Cliff is tomorrow.
- 5.2.** 17CGR05 MFR Cougar Fish Facility Oil Release – No comments
- 5.3.** 17FOS02 MFR Turbine Unit Outage – No comments
- 5.4.** 18FOS01 Outage of Turbine Units M&E Install – No comments

6. Fish Operations Plan: WFOP homepage: http://www.nwd-wc.usace.army.mil/tmt/documents/FPOM/2010/Willamette_Coordination/WFOP/

- 6.1.** Status of the 2017 WFOP
- 6.2.** Change forms
 - 6.2.1.** 18OVE001 – Implement change forms & print by March 1 - All the pending change forms were reviewed and all except one have 2018 change forms as well that were discussed below. 5-76 Boyd reporting – reporting requirements are addressed in the contract. Traylor will make a new change form to reflect the current report writing. **APPROVED**
 - 6.2.2.** 18OVE002 – Maintenance schedules – BPA has some concerns about posting the maintenance schedules. Walker would like to disseminate to the group instead of posting it in the WFOP. The schedule is prepared at the new fiscal year. NOAA needs this schedule for RM&E planning. The spill gate schedule was in the appendix. The turbine outage has already been done. **ACTION: Walker will send the maintenance schedule to NOAA.** This maintenance schedule will not go into the WFOP. **PENDING.**

- 6.2.3. 18NS001 – Genetic samples – The COE is supportive of this action but needs to know if ODFW is available to do this. A contract mod may be necessary. Walker will discuss this with contracting and Taylor. **APPROVED**
- 6.2.4. 18NS002 – Winter Steelhead periodicity – **APPROVED**
- 6.2.5. 18NS003 – Maintenance Periods – **PENDING**. This needs to be run by the project folks before it can be approved.
- 6.2.6. 18NS004 – Temperature Targets – **APPROVED**
- 6.2.7. 18SS001 – Genetic Samples – Same as 18NS01 – **APPROVED**
- 6.2.8. 18SS002 – Winter Steelhead periodicity – **APPROVED**
- 6.2.9. 18MCK001 – IRRMs – There are currently no Interim Risk Reductions in place. Typically this was related to spill gate maintenance/rehab work that was needed. Walker will add a statement saying that there are no IRRMs in place currently. **APPROVED**
- 6.2.10. 18MCK002 – Genetic Samples – **APPROVED**
- 6.2.11. 18MCK003 – Fish Passage RO – This MOC refers to Cougar passage through the RO at night specifically and adds more detail than before. This was implemented in 2017. Typically this operation is for November, December and January. Mullan asked why it isn't for a broader range of dates. Walker will have to look into the date range reason. This year, this operation occurred from Dec 15-Jan 15. **PENDING**
- 6.2.12. 18MFW001 – Genetic Samples – **APPROVED**
- 6.2.13. 18API001 – Notification process – **APPROVED**
- 6.2.14. 18API002 – Notification process edits – **APPROVED**

6.3. Change forms from last year were reviewed. 17NS014 – Walker will update the language and resubmit for this year.

7. Task Group Updates.

- 7.1. Summer Steelhead (Traylor/Taylor)
- 7.2. SWIFT, Flow task group (Piaskowski)