

## Memorandum for the Record

SUBJECT: Minutes for the Willamette Fish Passage Operation and Maintenance Meeting 28 February meeting.

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

Last	First	Agency	Email
Bellringer	Holly	NWP	<a href="mailto:Holly.H.Bellringer@usace.army.mil">Holly.H.Bellringer@usace.army.mil</a>
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Grenbemer	Greg	ODFW	<a href="mailto:Greg.A.Grenbemer@state.or.us">Greg.A.Grenbemer@state.or.us</a>
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Scullion	Mary Karen	NWP	<a href="mailto:Mary.K.Scullion@usace.army.mil">Mary.K.Scullion@usace.army.mil</a>
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Walker	Chris	NWP-OD-TF	<a href="mailto:Christopher.E.Walker@usace.army.mil">Christopher.E.Walker@usace.army.mil</a>
Walker	Ricardo	NWP	<a href="mailto:Ricardo.Walker@usace.army.mil">Ricardo.Walker@usace.army.mil</a>

On the phone: Bengtson, Couture, Grenbemer, Graham-Hudson, Kovalchuk, Mullan, Petersen, Richards and Schwabe.

## 1. Final decisions made at this meeting.

### 1.1. January meeting minutes were approved.

## 2. Action Items

- 2.1. [Feb 2018] Flow Update - ACTION: Walker will invite Khan to the flow meeting.
- 2.2. [Feb 2018] Pinniped Task Group - Action: Kovalchuk will send an invitation to the FPOM Pinniped task group meeting to Mullan.
- 2.3. [Jan 2018] Research/FPT updates – ACTION: Walker will look into the MFW pre-spawn mortality study to see where it is at. *Status: OSU submitted a proposal and plan to do the study this year. The COE would like them to revise the study to encompass downstream effects of trap instead just at the trap.*
- 2.4. [Jan 2018] 18OVE002 – Maintenance schedules – ACTION: Walker will send the maintenance schedule to NOAA. *Status: The maintenance schedules are an internal document only. Walker is waiting on BPA to see if it can be shared.*
- 2.5. [Apr 2017] Form task group to examine adult fish facility operations to incorporate into the WFOP (Walker). *Pending in the next couple of months. Add to task groups.*
- 2.6. [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. Ongoing.*

### 3. Updates

- 3.1. HMT Updates – The HMT meeting was last week. A deferred maintenance list has been made. The Leaburg property disposal process continues. Walker has been working on transferring the trucks to the Minto.
  - 3.1.1. North Santiam – Minto released about half the smolts during good flows. There have been some strange power outage situations that will be addressed when crews return from California.
  - 3.1.2. South Santiam – StS spawning is complete. Khan’s work was completed and the ladder has returned to service.
  - 3.1.3. McKenzie – The spring release took place in January during good flows. Crews are preparing hydrogen peroxide storage in accordance with Homeland Security requirements. This will pertain to the other hatcheries as well.
  - 3.1.4. Middle Fork – The first release from Dexter was in the beginning of February and next release is 01 March. Crews also released the transferred fish from Coast Fork. Chinook were transferred to back to the South Santiam.
- 3.2. HGMP updates – At the StS task group meeting two weeks ago, all available research was summarized. Kruzic reviewed the RPAs in the 2008 BiOp and the actions taken to address them. NMFS is requesting an HGMP be submitted by Mid-March. Even though there is a draft HGMP written by ODFW, the COE is looking to see if this timeline is feasible. Kruzic would like to include the StS HGMP in the hatchery BiOp that includes the four CH HGMPs.
- 3.3. Research/FPT updates – They are planning the 2018/19 studies now. The Foster Weir block treatment study will be starting soon. Khan is waiting on the final study design from PNNL. Scullion said that it is a low water year and to expect either spill or turbine but not both at the same time. The study will run from March until Mid-June. The weir should be installed 06 March. At Look Out Point, Khan was hoping to do a spill test but the project is at minimum flow and not close to spill way crest level.
- 3.4. Water Quality Updates –Flows are at minimum levels and temperature and TDG levels are not being recorded.
- 3.5. Flow update – For the overall water year, the valley is at 93% of average for precipitation and snow pack is at 61% of average. They are able to store some water but system wide, flows are very low and ~20% below rule curve. Short and long term forecasts do not indicate catching up. Big Cliff is running at 1000 CFS for rearing flow level and South Santiam is at minimum flow. Foster is not storing water due to the weir test coming up. March 15 flows go back up per the BiOp in both the North and South Santiam; the amount of flow will be dependent on the flow meeting decisions. Khan needs the reservoir at 615 for the weir installation and will send an email to Scullion with his requirements. **ACTION: Walker will invite Khan to the flow meeting.**
- 3.6. BPA updates – no update
- 3.7. Cougar Fish Facility – There is some commissioning work that will change flows up but shouldn’t impact the operations of the fish facility.
- 3.8. Fall Creek Fish Facility – The work is going on schedule. Commissioning will occur during April.
- 3.9. Pinniped task group meeting – The Columbia River FPOM group is holding a Pinniped task group meeting on 08 March at 1:00pm. **Action: Kovalchuk will send an invitation to the FPOM Pinniped task group meeting to Mullan.**

### 4. Willamette Valley Contract Status

- 4.1. Willamette Hatcheries (ODFW) – Awarded, current. Option year mod by 1 Sept 2018.

**4.2. Trout (Desert Springs)** – Awarded, current. Option for base amount of 100K lbs for 2019 delivery awarded 31 December 2017. Minor modifications should be rolled into the second option year not prior to August.

**4.3. Monitoring and Evaluation** – Not awarded. Scope of work in development.

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

**5.1.** 18LOP01 MFR Lookout Point Dam Hydraulic Fluid Release – Comments are due in two weeks.

**5.2.** 18WVP01 Trout and M&E – The coordination date should say 28 February and response date is 14 March. There is a budget shortfall that is likely to continue in the future. Last year, M&E funding was cut. This year, the budget shortfall means that the either trout production or M&E funding will be cut. The MOC outlines the potential options for flexible spending. The COE is requesting input from regional partners are what they find most valuable. The RPA has several components besides the spawning survey, ODFW was concerned that the other components would not be funded. Mackey said that these are the two specific components that may or may not get funding. WFPOM can provide recommendations on the prioritization of the funds. These are the two areas where there is flexibility in the budget. Fish counts at Leaburg and Bennett are not included in this baseline M&E. There was some discussion at the RM&E meetings about including those counts in another study. These counts are not in the BiOp and the COE is only funding items to meet the RPA. NMFS will make some changes to statements in the Bi OP to clearly define needed actions in order to get funding. The Bennett counts were funded because Minto was being rebuilt. Graham-Hudson suggested reviewing the studies of stomach contents in the reservoirs.

**6. Fish Operations Plan:** WFOP homepage: [http://www.nwd-wc.usace.army.mil/tmt/documents/FPOM/2010/Willamette\\_Coordination/WFOP/](http://www.nwd-wc.usace.army.mil/tmt/documents/FPOM/2010/Willamette_Coordination/WFOP/)

**6.1.** Status of the 2018 WFOP

**6.2.** Change forms

**6.2.1.** 18OVE002 – Maintenance schedules (pending) – Discussed under 2.2.

**6.2.2.** 18NS003 – Maintenance Periods (pending) – Pending.

**6.2.3.** 18MCK003 – Fish Passage RO (pending) – Walker needs additional details on the time periods.

**7. Task Group Updates.**

**7.1.** Summer Steelhead (Traylor/Taylor) – This group met on 15 February.

**7.2.** SWIFT, Flow task group (Piaskowski) – Piaskowski sent an update. They are in the process of securing funding and getting the research started. The group will reconvene in the spring to review the flow analysis and adaptive management.

**7.3.** SLOW meeting – Walker requested that everyone in the group send an email with availability.