

Memorandum for the Record

SUBJECT: Minutes for the Willamette Fish Passage Operation and Maintenance Meeting 23 May meeting.

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

Last	First	Agency	Email
Bellringer	Holly	NWP	Holly.H.Bellringer@usace.army.mil
Couture	Ryan	ODFW	ryan.b.Couture@state.or.us
Dishman	Diana	NOAA	Diana.Dishman@noaa.gov
Garletts	Doug	NWP-ODV	Douglas.F.Garletts@usace.army.mil
Grenbemer	Greg	ODFW- Marion Forks/ Minto	Greg.A.Grenbemer@state.or.us
Helms	Chad	NWP-ODV	Chad.K.Helms@usace.army.mil
Hoque	Yamen	NWP	Yamen.M.Hoque@usace.army.mil
Khan	Fenton	NWP-PM-E	Fenton.o.khan@usace.army.mil
Kovalchuk	Erin	NWP-ODT-F	Erin.H.Kovalchuk@usace.army.mil
Mackey	Tammy	NWP-ODT-F	Tammy.M.Mackey@usace.army.mil
Neuenhoff	Rachel	NWP-PM-E	Rachel.D.Neuenhoff@usace.army.mil
Reis	Kelly	ODFW	Kelly.E.Reis@state.or.us
Richards	Natalie	NWP	Natalie.A.Richards@usace.army.mil
Traylor	Andrew	NWP-ODT-F	Andrew.W.Traylor@usace.army.mil
Walker	Chris	NWP-ODT-F	Christopher.E.Walker@usace.army.mil
Wertheimer	Robert	NWP-ODT -FFU	Robert.H.Wertheimer@usace.army.mil

On the phone: Couture, Dishman, Garletts, Grenbemer, Helms, Kovalchuk, Neuenhoff, Reis and Richards.

All documents for this meeting can be found

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

1. Final decisions or recommendations made at this meeting.

1.1. April minutes were approved.

2. Action Items

2.1. [May 2018] **Fish Counts** - ACTION: Reis will follow up on the future of the Bennet Counts.

2.2. [May 2018] **18WV03 Adult Disposition Table** - ACTION: Walker will update the MOC with all the temperature information with dates and options for releases above Cougar.

2.3. [APR 2018] Walker will update the calendar invite with the new number. *Status: Completed*

2.4. [APR 2018] **Research/FPT updates** - ACTION: Khan will send an email to RCC and the operators to confirm the refilling of Foster starts 01 May. *Status: Completed.*

2.5. [APR 2018] **Flow Update** - ACTION: Hogue will email the flow forecast link to Mullan. *Status: Completed.*

2.6. [APR 2018] **Task Group Updates** - ACTION: Walker will see if the WFPOM meeting can be moved from 23 to 30 May. *Status: Meeting date not moved.*

3. Updates

- 3.1. HMT Updates** – The meeting was last week. Juvenile Chinook are being ponded. Adults are starting to return. No major health concerns for juveniles. The Disposition Table was discussed at HMT and is discussed under Coordination/Notification Forms 5.2.
- 3.1.1.** North Santiam – MF/Minto have collected 134 StW and 7 StS.
 - 3.1.2.** South Santiam – At Foster, 27 StW and 5 StS have returned.
 - 3.1.3.** McKenzie – The trap opened on 01 May and had fish in the collection channel.
 - 3.1.4.** Middle Fork – Marking trailers have arrived at Dexter and the tagging started 22 May. There is a powerline getting close to a metal roof that is a major health and safety concern. The project is addressing this issue. There is also a major valve failure that Traylor wrote an MFR for and is discussed under 5.3.
- 3.2. HGMP updates** – The public review of the draft Environmental Impact Statement (DEIS) for Upper Willamette hatchery programs closes Tuesday, May 29th (NMFS extended comment period by 3 weeks, due to public requests). NMFS will be working with Corps and ODFW to address all of the comments received. We will proceed with issuing final EIS as soon as possible.
See http://www.westcoast.fisheries.noaa.gov/hatcheries/hgmp/willamette_deis.html.
The new hatchery Biological Opinion is drafted and currently under internal review at NMFS. NMFS will be sharing with Corps and ODFW first part of June for review prior to signature.
- 3.3. Research/WFDWG updates** – The RM&E team is meeting 24 May to plan the FY19 studies. Foster and LOP are the two main studies going on right now. Foster fish weir is back in operation after Foster was refilled the first week in May. Rachel Neuenhoff will be the new WFPOM meeting rep for PM-E.
- 3.4. Water Quality Updates / Minto TDG Monitoring** – Bellringer reported that there will be no drawdown to construct the Detroit Temperature Tower; however, **this is inaccurate**. Constructing in the wet is one option being considered. The next WFDWG is 05 June at the NOAA offices. The Detroit PDT will present on their current status. TDG monitoring – All equipment has been purchased. The new meter was installed with a protected housing but it still needs to connect to the PLC. There is a request for technical support for installation but still waiting on funding.
- 3.5. Flow update** – The basin has been very dry and it has been difficult to meet the minimum flow targets for Salem. They have been trying to augment flows from several projects but flow keeps receding. The flows should be better in June. There was elevated TDG out at Detroit on 02 May. Hogue talked to the operators who coordinated internally about this operation to flush debris for a couple of hours. Walker had received an email but they weren't expecting any impacts. Walker will write an MFR. The project is working on an SOR for the debris management. The next debris management operation is in June and Walker will do an MOC. Foster flows for the study are ongoing.
- 3.6. Pinniped Update (ODFW)** – Presently, there are 25 CSL and 1 SSL near the ladder entrances at Willamette Falls. Fish numbers have started to increase. The number of CSLs are beginning to decline. Reis said that there is no hazing just monitoring as hazing was deemed ineffective. The FPOM Pinniped Task Group meeting is 24 May. Wertheimer would like increased participation from Willamette in order to work as a region to address the sea lion issue. Two weeks ago, there was 66 SSL in BON tailrace which is a record. The states were able to remove a lot of CSLs this year. Wertheimer said that they are still compiling their data but suspects that the predation rates will be very high.
- 3.7. BPA updates** – No update
- 3.8. Cougar Fish Facility** – The repaired pumps were put back in and the facility opened on 10 May. They have not seen any CH yet. There are elevated flows coming out of Cougar with most of it coming out of the RO. The RO flow tends to provide strong attraction [away from trap]. Once the RO flow stops, then they will most likely start seeing fish. The rock slide is

blocking access and the discussion of what to do with fish that return a second time still needs to occur.

- 3.9.** Fall Creek Fish Facility – Once the facility opened in late April, they had 1 CH the first day and none since but they have collected 22 StW. Pinniped injuries on StW were noted. Once the temperatures increase, they expect more CH will come. They haul on Monday and Thursday. Richards gave an update for the construction punch list items that affect fish. They are working on a modification to a weir and the anesthetic tank drain needs to be fixed. Funds have been provided to modify the contract to fix these items. There is one other important issue which is a modification to the dewatering structure but this will not occur until October.
- 3.10.** Fish Counts – This item will be a monthly update from now on. The counts at Bennet are ongoing but the counts at Leaburg are no longer being funding. The video will be continued but no one is actually counting. The counts will not be available for preseason pHOS counts in the McKenzie. The Bennet counts are funded by ODFW. Couture said he was not sure of the plan to continue after this year. **ACTION: Reis will follow up on the future of the Bennet counts.** Traylor will send out a monthly update to the HMT and WFPOM groups with fish counts returning to the hatcheries. This spreadsheet will be posted to the web and suggested it be posted in the WFPOM file folder each month. Several reps said they would find this useful.

4. Willamette Valley Contract Status

- 4.1. Willamette Hatcheries (ODFW)** – Awarded, current. Option year mod by 1 Sept 2018. Ongoing.
- 4.2. Trout (Desert Springs)** – Awarded, current. Option for base amount of 100K lbs for 2019 delivery awarded 31 December 2017. The COE is looking for end of year funds to increase the amount of production. Couture asked if there is a plan to officially notify ODFW if the funding does or does not come through. Mackey said she can't say right now if the funding will be available. There is not a lot of time left but a notification will be sent out.
- 4.3. Monitoring and Evaluation (spawning surveys)** – Awarded 15 May for spawning surveys in all four sub-basins.
- 4.4. Collecting genetic samples** – Dishman asked if collecting genetic samples has been put into future contracts. Mackey said that it has not. For 2018, O'Malley's lab at OSU is looking at doing this work. At HMT, Traylor and Couture discussed where would a good fit for this work would be either the hatchery operation or monitoring and evaluation contract but no decision on how to move forward has been made.

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

- 5.1.** 18WVP02 MFR Winter Steelhead Maximum Spawning Flows in the North and South Santiam Rivers – Comments were received from ODFW and NOAA. There will be future discussions about the flows.
- 5.2.** 18WV03 Adult Fish Disposition – According to the WFOP, each year the region will review the Disposition Table at HMT. This task was completed last week. This MOC details this information. There were a couple of changes this year. There will be no more StS recycling in the North or South Santiam. At Cougar, the project is supposed to place fish above the dam that have returned a second time. However, the rock slide prohibits staff from accessing the out planting sites. At HMT, Ziller suggested not operating the trap every day and out plant on cooler days. Walker felt that Ziller's recommendations are reasonable unless the temperatures are high in the forebay. The only access options are the road going down the face of the dam and the east side boat ramp. Helms suggested releasing fish with a hose to deeper water, if possible. There is also a debris issues on the dam access road that needs to be cleared. Dishman asked if there is temperature information available. There is a temperature string on the tower and some other temperature information. Dishman recommended asking the LOP

study team how they release juveniles below the surface and they may have a pipe. Traylor mentioned a system at Lake Billy Chinook for out planting adult fish. Helms mentioned that there is a PVC pipe at the facility already. **ACTION: Walker will update the MOC with all the temperature information with dates and options for releases.** Traylor and Walker will work with Helms and Garletts on all this information.

- 5.3. 18DEX01 MFR Valve maintenance – This MFR is to notify the region of the higher risk this year in operating the facility. The valve broke in the open position. It doesn't change the operation for this year however, if something else breaks, this valve can't be shut off and the Dexter facility would be inoperable. No additional comments were received.
- 5.4. Walker and Hogue are working on another MOC on main stem flow targets that should be out soon.

6. Fish Operations Plan: WFOP

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

6.1. Status of the 2018 WFOP

6.2. Change forms

- 6.2.1. 18MCK003 – Fish Passage RO (pending) – Waiting on info from Greg Taylor.
- 6.2.2. 18NS003 – Maintenance Periods (pending) – Will set up a different meeting.

7. Task Group Updates.

- 7.1. Summer Steelhead (Traylor/Taylor) – No update. The COE has reviewed the HGMP draft. There is still a couple of issues being worked out on the policy level internally. It has not been submitted to NOAA yet.
- 7.2. SWIFT, Flow task group (Piaskowski) – The contract was issued for some modeling work. SWIFT team will meet again this summer after they get some modeling results.
- 7.3. Adult Fish Facility Operations – No update. Possible meeting in June.