

MEMORANDUM FOR THE RECORD

Subject: Minutes for the 20 April 2017 HMT meeting.

The meeting was held at the ODFW Adair Office in the large conference room. In attendance:

Last	First	Agency	Email
Boyd	Brett	ODFW	
Couture	Ryan	ODFW	ryan.b.Couture@state.or.us
Garletts	Doug	NWP-OD-V	Douglas.F.Garletts@usace.army.mil
Grenbemer	Greg	ODFW- Marion Forks/ Minto	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
Kruzic	Lance	NOAA	lance.kruzic@noaa.gov
Sharpe	Cameron	ODFW	Cameron.sharpe@oregonstate.edu
Traylor	Andrew	NWP-OD-TF	Andrew.W.Traylor@usace.army.mil
Romer	Jeremy	ODFW	Jeremy.Romer2@oregonstate.edu
Bjork	Sarah	ODFW - Fish Health	sarah.j.bjork@state.or.us

Brett, Greg, Erin and Lance called in.

1. Decisions made at this meeting.

2. The following documents were provided or discussed. All documents may be found at:

http://www.nwd-wc.usace.army.mil/tmt/documents/FPOM/2010/Willamette_Coordination/

2.1. 170420 Agenda (Traylor)

2.2. Fish Health Risk Marion Forks 2017 (Bjork)

3. Action Items.

3.1. [Apr 17] Marion Forks/Minto – TDG Monitor on PLC ACTION: Traylor or Walker will work with Grenbemer and electrical engineering to see if the TDG display can be added to the PLC.

3.2. [Oct 16] Minto Hoist Breaker – ACTION: It might be possible to move the breaker but it would require redoing the wiring. An electrician is looking into it from the project. It is a big project and it could be contracted out. Traylor will follow up next month and examine if the situation is the same at Foster. **Status:** There was a site visit with Ed Meyer and staff from the project. The plan is to install an access way to the breaker because it is too difficult to move the breaker. In the meantime, the project needs to have a truck with a lift in case it happens again. The project wants a fix before June. Foster was not followed up on. **Status:** *It is too difficult to move the breaker to the ground level. A bucket truck from Detroit is down there now in case of an emergency but it will have to go back to Detroit. There is a possibility to rent a truck but contracting is always challenging. For Foster – same case and there are some exposed wires that need attention.*

3.3. [Oct 16] Biosecurity for Marion Forks - ACTION: A rough cost estimate is \$1.5 million for the UV filtration system for a 34cfs system on Marion Creek. The plan for upgrading the biosecurity is on hold while waiting for a fish health assessment from Sarah that will provide more options/information. This will be an update next month. Status: Sarah just finished her

report and will send out the report for circulation. **Status:** *The report has been finished and will be sent out. Sarah found that historically MF normally was very clean, undetectable or small amounts of BKD. In 2013, high prevalence of BKD due to a situation with fish escaping above the weir. 2015 BKD detected in August juveniles indicating that the resident fish now had BKD not just returning adults. There was a significant loss and 50% BKD subsample detected. The policy is not to release fish with high levels of BKD infection. The problem comes from Marion Creek water supply. The project could have used an antibiotic but it would be over \$70K to treat every affected pond. In addition, it is hard to get a therapeutic level of the drug in the fish because the fish won't eat the medicated feed because it doesn't taste good. A few ponds were treated but infection did not resolve the infection. This year, they tried to treating the fish in June instead. Although there was prevalence of BKD, they were able to keep it at a manageable level. The risk keeps increasing and the project has to keep treating the fish. This year, the cost was \$11K – not cheap. The physical barriers can only do so much; viruses can't be treated. The safest bet is to disinfect the water and it benefits all life stages. The health status greatly affects where fish can be transported/planted. Recommendations: UV plus a drum filter would be the best. Horn Creek has an adequate barrier in place to block fish passage into the intake area. The focus should be on the Marion Creek intake not the Horn Creek intake. The cost estimate is \$1.5 million for equipment and installation. Traylor would like to put into the budget two years out for \$2 million for design and equipment. Even if it is in the budget, there are no guarantees on funding. The electric bill will be much higher also. Traylor suggested using surplus end of year money for design (\$200-300K) this year may be hard to find money though.*

- 3.4. [Nov 16] Foster Ladder Attraction – ACTION:** NOAA has some low cost suggestions to help the situation. For example, tunnel leading to the trap is too dark so light it up during the day. NOAA will forward these recommendations. **Status:** *Walker and Traylor have not received these suggestions. The recommendations will need to be discussed before implementation. Status: This has not been done. Kruzic can follow-up with Ed Meyers and send out to the group.*

4. Updates.

- 4.1. Marion Forks/Minto (Grenbemer) –** There were some TDG issues about a month ago due to a brief outage. Grenbemer bought a monitoring unit and is recording the TDG levels daily. Grenbemer would like to have the display integrated into the PLC. **ACTION:** Traylor or Walker will work with Grenbemer and electrical engineering to see if the TDG display can be added to the PLC. There was good survival of Chinook. The second group of steelhead came down after the high TDG issue.
- 4.2. South Santiam/Foster (Boyd) –** All juvenile fish have been released. The volitional release of steelhead is about to end. Steelhead fry have been ponded for a month and growing well. Winter maintenance is underway. Foster – maintenance crews are trying to get the fish lock operational. The new brail was installed. The next steps are the bulkhead motor and lifting assembly installation. The project would like to test the system before the fish return. The counts have been really low in the trap with only 7 winter steelhead thus far. There was erosion at the River Bend site but it can still be useable for this year. In the future, this site will need to be stabilized. There is a youth watershed council that works with the Forest Service that may be able to have some volunteers to help restore the site.
- 4.3. McKenzie (Kremers) –** Fry doing well. All releases have been completed. Bird predation was low on the releases. During the annual maintenance on the canal, maintenance crews trimmed all the trees and shrubs along the sides of the canal. The intake source from that canal was getting clogged from the tree trimming. It is better now. When the canal was down, a flow meter on main pipeline was installed; it is not working yet though. The hatchery is getting the trap ready and hope to open by May 1. Kremers talked to the contractor about the lighting project and this should be going soon. The hatchery is going back to using hydrogen peroxide for

fungus control on adult fish. There was a discussion of Willamette hatchery fish that died when held at McKenzie Hatchery even though McKenzie brood survival was high. The primary cause of death was *C. shasta* but heavy loads of Columnaris were also found.

- 4.4. Cougar Trap** (Helms) – The facility was shut down due to oil leak on a pump. The project has removed the plumbing on the pipe and is expecting to reinstall next week. All the flow is coming out of RO; both units are out for the scheduled outage which should be complete by May 26, but may be pushed out further.
- 4.5. Fall Creek** (Garletts) – The facility started operations on 17 March. The first haul was on 20 March. The fish operations are ongoing next to the construction. The construction is on schedule. In January, a Pacific Lamprey was caught in the screw trap and was transported above the dam. No Chinook yet but a couple of steelhead have arrived.
- 4.6. Willamette/Dexter** (Peck) – Willamette has good survival and good health reports so far. At Dexter, there are some personnel changes. Kruzic said that in there is a need to improve adult holding that should be worked into the funding plan. The broodstock holding pond plus intake has been in the budget but has not received actual funding yet. Traylor will check to make sure it is in there for FY19.
- 4.7. Leaburg** (Withalm) – Staff has been reduced due to the contract shift. The crew is gearing up for the big stocking push this winter. The schedule has been planned out with the extension of the task order. The contracting office needs a SF 424 budget form. Couture thought it had been passed in already. Crew to start mid-July to remove hatchery chinook.
- 4.8. Fish counts at Bennett and Leaburg** (Sharpe) – Counts have been posted to the website. A total of 113 steelhead have passed Bennett. Of those, 121 are winter steelhead. There are no counts from Leaburg because no fish have arrived.
- 5. 2017 Adult Return Disposition Review** – Sharpe sent a draft review to Traylor. The broodstock collection numbers were cross checked against the HGMP numbers; all numbers matched. The final review will be sent to the HMT group which will report at WFPOM. Traylor suggested creating a priority list for adult returns to note if during periods of low returns if fish should be used for mitigation and/or broodstock. Sharpe said that there is a list for surplus returns but not for minimal returns. Couture added that the prioritization is complete and listed in the HGMPs. The returns could just be delayed this year or it could be a very low year. The recent forecasts have over predicted compared to actual numbers. Graham – Hudson will report the 2017 adult return disposition review at WFPOM.
- 6. Hatchery M&E Funding Issues and Prioritization** – There are many shortfalls in the budget and the COE will not be able to fund task orders and/or contracts as usual in July. ODFW HRME staff will not be able to provide reports without an active contract or task order. The current task order doesn't cover the upcoming field season. The new task order or contract that funds the upcoming HRME field season that typically starts July 1 will be affected by the short fall. The contract for next year needs to specify exactly what work will be done and prioritize the tasks around management objectives. More cost effective tasks or work that can be done every other year will be looked at as well. Piaskowski sent an email about this topic and it will be discussed at RM&E. Basically the tasks will be organized by sub basin and the critical tasks will be prioritized with input from the regional partners. Sharpe has several suggestions that he will pass on to Piaskowski. The draft budgets have been submitted by ODFW but the not heard a response from the COE. Traylor said that he is aware but has no further details about the amount of money. This priority list should be applicable for the future not just this year.
Some of the M&E data collected from the hatchery staff will now fall under the O&M contract; other tasks like tissue sampling will still have to fall under contracting. Kruzic asked about the status of the Pedigree Study but this will have to be asked at the RM&E meeting. In the past, the division has

been loosely below the dam is O&M and above dam is research (CRFM) funded. At some point, the O&M funding can start to inherit the routine tasks.

7. Question from Piaskowski – In the South Santiam, is the hatchery using the same adipose fin clipping protocols as the Columbia River hatcheries? Prior year tagging procedures have produced a high mismark rate. Sharpe pointed out that the brood was hand clipped before 2012 and now all broods are clipped with an automated trailer. The auto trailer should reduce that rate. Automatic trailers are being used to clip all fish in the Willamette Basin now.
8. **Spring chinook HGMPs** – NOAA has the four draft Chinook HGMPs submitted by the COE and ODFW. Last January, the HGMPs went out for public review and 5-10 comment letters were received. These comments have been passed on to the COE. NOAA needs fulfill the NEPA process and will be conducting an EIS. This summer, the EIS will be released for public review. The Chinook HGMPs should be approved by next year. The approval process is slow. The new HGMPs call for integrating wild Chinook into the broodstock after all programs have NEPA coverage. All the public comments from the review period need to be addressed. A formal response is required for any EIS comments. This group will need to get together to address the public comments.