

MEMORANDUM FOR THE RECORD

Subject: Minutes for the 18 July 2018 HMT meeting.

The meeting was held via conference call. In attendance:

Last	First	Agency	Email
Boyd	Brett	ODFW	Brett.h.boyd@state.or.us
Couture	Ryan	ODFW	ryan.b.Couture@state.or.us
Garletts	Doug	NWP-OD-V	Douglas.F.Garletts@usace.army.mil
Helms	Chad	NWP-OD-V	Chad.K.Helms@usace.army.mil
Kovalchuk	Erin	NWP-ODT-F	Erin.H.Kovalchuk@usace.army.mil
Kruzic	Lance	NOAA	Lance.Kruzic@noaa.gov
Peck	Dan	ODFW- Willamette	dan.peck@state.or.us
Reis	Kelly	ODFW	Kelly.E.Reis@state.or.us
Traylor	Andrew	NWP-ODT-F	Andrew.W.Traylor@usace.army.mil
Walker	Chris	NWP-ODT-F	Christopher.E.Walker@usace.army.mil

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

1. Final decisions or recommendations from this meeting.

1.1. June meeting minutes were approved.

2. Action Items.

2.1. South Santiam/Foster - ACTION: Walker will look to see if any operations are different this year causing the temperature problem.

2.2. Willamette Hatcheries - ACTION: Traylor will follow up with Mackey on when de-obligation requests are known.

2.3. Willamette Hatchery Broodstock Pond – Status: This is a line item for \$0.5 million in FY20 budget to get started with plans and specs.

2.4. Leaburg Property Transfer Update –Status: Couture received an email saying the lease should be ready by 20 July.

2.5. Willamette Hatchery Genetic Clips – Status: The proposal from O’Malley and ODFW has been sent to the research contracting office in Mississippi but they can’t award till 15 August which is too late since work is already occurring. Spring Chinook have been returning and ODFW has been taking batch samples for outplanted fish. Thus far, this has only been at Foster since Minto and Mckenzie Hatchery are not outplanting fish yet. ODFW doesn’t want to do work that they are not going to get reimbursed for. Traylor believes the contract is moving forward but have other deadlines they must meet first. The contracting office said that in extreme circumstances they have reimbursed an entity for work already completed but this is not standard practice. ODFW will continue to take the samples under the assumption that this contract will be funded and they will be paid.

2.6. Walker did send out the scope of work from Normandeau. Status: Walker sent out the scope of work. Couture asked for the details of when and where the spawning sampling would take place. ODFW has sampling also and doesn’t want to overlap. Walker will send the work plan to Couture which may have more details and will request a more detailed schedule from the contractor. Walker has no problem with ODFW working with Normandeau on this issue.

3. Updates.

- 3.1. Marion Forks/Minto** (Grenbemer) – Minto is seeing cooler water from the Detroit algae issues. Couture had last week's numbers which are total ChS collection of 509 (75 unmarked and 434 hatchery). The unmarked adults were released above Minto. Grenbemer and staff installed weirs in Marion and Horn Creek. Staff are sorting some fish for broodstock and some for outplanting. At Marion Forks, juvenile fish health is good and marking is underway.
- 3.2. South Santiam/Foster** (Boyd) – Trapping is going slowly. The total ChS collection is 434 (395 hatchery and 39 unmarked). All unmarked adults have been released at the Gordon Road site. They are taking genetic samples but missed the first two Chinook. They are trying to hold on to all hatchery fish. They can see fish in the tailrace but they are not coming into the ladder. The ladder is cooler than the river. For ST, total collection is 780 plus they received 250 fish from Minto for brood. Staff have noticed marks on the head of ST occurring only at Foster but they can't figure out the cause. Boyd suggested that a small ladder run by the City of Albany (Lebanon Dam) had a swivel gate open that usually isn't and he asked them to close it. It could have been the source of the problem. For juveniles, they received the chinook that were marked at Willamette. ST have had some cold water disease and were treated. They will start marking this week. They have filled their final vacancy at the facility. Kruzic asked if they will make brood numbers. Boyd is unsure but as the summer progresses the water temperatures will increase and hopefully, match up with the river. There are enough fish in the tailrace as long as they enter the ladder. **ACTION: Walker will look to see if any operations are different this year causing the temperature problem.** Boyd noted that the flows are higher than normal this year. Walker said that the incubation flows were higher than normal this year.
- 3.3. McKenzie** (Kremers) – Lots of fish have returned to McKenzie. The total to date is 3,939 ChS. Brood numbers and outplant numbers are all accounted for.
- 3.4. Cougar Trap** (Helms) – The facility was shut down on 02 July because the rock slide prevents them from accessing the release site. They had been releasing to the reservoir but the temperatures are getting warmer. To date, the collection numbers are 66 ChS back to facility (38 fish above dam), 10 StS and 4 bull trout. Helms spoke to USFS this week and the slide removal is expected to take 3-4 weeks. They may be able to use a single lane with an escort sooner. The contractor will push the rocks back into reservoir. About a dozen fish have been observed in the diversion tunnel pool.
- 3.5. Fall Creek** (Garletts) Total ChS collection is 85 non-marked (55 males and 30 females) Two ad clipped females were released. The RO has been turned on and off. Twenty four StW have returned (14 females) and two Pacific Lamprey. One lamprey escaped and the other was transported above the dam. The USGS site is not working so Garletts is not sure if RO is working today.
- 3.6. Willamette/Dexter** (Peck) – Total ChS collection is ~3,800. They are restricted by number of truck drivers and have had to leave a lot of fish in the river. Fishing has not been good though. Broodstock are all accounted for and they have back up at McKenzie. Pre-spawn mortality is manageable so far. They have had a good steelhead run this year with a couple hundred a day. Juvenile production is going good. Staff are preparing to move juveniles to Leaburg this week.
- 3.7. Leaburg** (Couture) – COE did not fund any counting at lower subbasin dams (Bennetts, Leaburg) this year. ODFW is videotaping at the Leaburg Dam ladder but has no staff to read the video. It is hard to know any in-season pHOS estimates without this information. Kruzic mentioned the McKenzie hatchery lawsuit and the need to report to the judge on pHOS numbers for the production changes. HMT members feel that now is a good time to reiterate the value of these counts.

4. Willamette Valley Contract Status

4.1. Willamette Hatcheries (ODFW) –

4.1.1. Need option year modification awarded by 1 Sept 2018. No issues are expected even though the funding is not lined up yet. Traylor said he agreed with Couture on the dates (01 August and 01 February) for the two six month reporting periods, which need to be added to the contract. The modifications were made to the Bonneville and Cole Rivers contracts but not Willamette. The COE is still planning to award the summer steelhead option for Willamette at Dexter (Middle Fork) but not for the North Santiam at Minto. The issue of shifting these funds is unclear. ODFW would like the funds shifted to another sub basin.

4.1.2. ODFW is expecting that 100% of McKenzie production of CHS will be funded once HGMPs are in place. Approved HGMPs are scheduled to be out this summer. The COE is planning to fund the base amount and the Middle Fork steelhead at this time but even funds for those components are not available yet, let alone additional fish at McKenzie. The cost estimate for funding 100% of the McKenzie Hatchery is in place. Reis asked when the COE will know what funds they had (from de-obligations) so they can plan appropriately. **ACTION: Traylor will follow up with Mackey on when de-obligation requests are known.** ODFW has received de-obligation requests from the extension contracts and these should have some returnable funds. Kruzic asked about the Congressional letter sent to the COE about the hatchery production. Traylor said the letter has started the routing process and will go back out next week. Once the letter is signed by the Colonel, Traylor will forward it to HMT.

4.2. Trout (Desert Springs) – Awarded options for 200K lbs of rainbow trout to be stocked in 2019. Walker emailed Kelley and Ziller about the stocking schedule.

4.3. Monitoring and Evaluation – Awarded to Normandeau. The surveys began first week of July in the McKenzie and Fall Creek. This week, they will survey N. and S. Santiam. The contractor will provide monthly updates for this forum. For more real time communication, ODFW can talk to the contractor. Kruzic asked about maintaining data consistency and keeping the data in electronic form. The COE is trying to maintain consistency with the previous work. The specific survey reaches in the contract were based on the ODFW work. There is language in contract calling for an annual report and a data base. Kruzic would like the data in one place no matter who does the work. Walker said that this is a one year task order so if certain details are not in the contract then it can be added for next year.

5. Willamette Hatcheries, Environmental and Safety Findings and Resolution – The COE conducted a safety and environmental evaluation at all the hatcheries. In order to document the status of the findings, Traylor created a spreadsheet with columns for the item, corrective action and who it pertains to. Most issues are minor and are probably already resolved. The hatchery managers did not have the spreadsheet so Traylor emailed it. This spreadsheet is only the environmental findings and Traylor will add in the safety ones as well. Each finding has a number and a picture. Traylor assigned either COE or ODFW to address although some are both. Some items cannot be immediately addressed. Walker suggested that ODFW first review the spreadsheet and revisit this next month. These reports found that there is a need for programs like confined space and hazardous energy control to be in place at the hatcheries as part of a larger accident prevention program (APP). ODFW has about 90% of the APP complete but is waiting for the COE reports to review and finalize the individual plans.

6. Hatchery Biological Opinion Update from NMFS – The BiOp and the NEPA process is almost completed. The BiOp should be signed in the next month. Kruzic wants to give the BiOp to the agencies before it is signed. NOAA would like to continue the Chinook programs critical to conservation such as outplanting above the dam, monitoring and evaluation. The spring Chinook

HGMPs introduced a 5-10% wild fish integration rate over time with a 2% cap on wild population but after reviewing the data, NOAA found this to be minimal. They want to increase the integration rate and have more flexibility for the future. The target integration rate is 30% but this depends on return numbers since they do not want too much of an impact on wild fish. There will not be any integration this season because they won't have the ESA approval but for next season everything should be in place to start.

Summer Steelhead-Since the 2008 BiOp, there has been a lot more research completed with genetic data and radio tag information. The separation between summer and winter in the Santiam to minimize hybrid interaction was apparent. Kruzic noted that Boyd's spawn time shift made a positive impact that was very evident. Kruzic said that in running the genetics analysis, the gene flow appeared to be low, .5-1.5% gene flow over the last 46 years indicating that the programs have had a low impact on STW genetics. There is new work on classifying hybrids but there is still a tremendous amount of uncertainty in this. More genetic work has to be done in order to classify winter/summer/hybrid correctly and consistently. The reintroduction of STW above the dam has been helpful to isolate the influence of the hatchery program. Kruzic feels that after years of implementing BiOp initiatives, the STS hatchery program has the lowest impact on the STW in the Santiams in years.

7. **Discuss RME projects** – The Foster ladder attraction and Willamette pre-spawn mortality should be discussed at HMT.
8. **WFOP review** – Couture couldn't open all the change forms. There were web issues last week. Couture has some changes that are inconsistent to the contract and will send to Walker. ODFW needs a two week extension for change forms.