CENWP-OD 15 June, 2016

MEMORANDUM FOR THE RECORD

Subject: Minutes for the 15 June 2016 Willamette HMT meeting.

The meeting was held at ODFW, Adair Village. In attendance:

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| --- | --- | --- | --- |
| **Last** | **First** | **Agency** | **Email** |
| Boyd | Brett | ODFW | Brett.H.Boyd@state.or.us  |
| Couture | Ryan | ODFW | Ryan.B.Couture@state.or.us |
| Dalgliesh | Jane | NWP-OD-TF | Jane.M.Dalgliesh@usace.army.mil |
| Garletts | Doug | NWP-OD-V | Douglas.F.Garletts@usace.army.mil |
| Graham-Hudson | Bernadette | ODFW | Bernadette.n.graham-hudson@state.or.us |
| Grenbemer | Greg | ODFW | Greg.a.grenbemer@state.or.us  |
|  |  |  |  |
| Helms | Chad | NWP-OD-V | Chad.k.helms@usace.army.mil |
| Kremers | Curt | ODFW | Kurt.kremers@state.or.us |
| Kruzic | Lance | NMFS | Lance.Kruzic@noaa.gov |
| Peck | Dan | ODFW-Willamette | dan.peck@state.or.us  |
| Sharpe | Cameron | ODFW | Cameron.sharpe@oregonstate.edu |
| Traylor | Andy | NWP-OD-TF | Andrew.W.Traylor@usace.army.mil  |
| Walker | Chris | NWP-OD-TF | christopher.e.walker@usace.army.mil  |
| Ziller | Jeff | ODFW | Jeffrey.S.Ziller@state.or.us |

\*Boyd, Graham-Hudson, Grenbemer, Kremers, Kruzic, Peck, and Ziller called in.

Documents may be found at: <http://www.nwd-wc.usace.army.mil/tmt/documents/FPOM/2010/Willamette_Coordination/Willamette%20HMT/>

1. **May meeting minutes were approved**
2. **Action Items.**
	1. **[May 16]** Middle Fork/Dexter: Sharpe and Peck will follow up with Ziller regarding the logistics of transport of the marked fish and unmarked fish and Traylor will follow up with Taylor to see if the Corps can assist. ***STATUS*:** Traylor spoke with Ziller and he said that there are some spare funds for a truck and trailer to help transport fish. Peck said he’s looking into a truck and tank. It’s going out for bid and then will take a while to build. He doesn’t think it could come together until about the middle of July.
	2. **[May 16]** Sharpe will look into using Willamette Hatchery vs. McKenzie for rearing space for Lookout Point Survival Study. ***STATUS:*** Sharpe not on call ***STATUS:*** Sharpe reported that they spoke with Peck and he can rear 75,000 experimental surrogate fish at Willamette. Spawning and incubation will occur at Smith farm with OSU and then the fry will be ponded at Willamette until time for release. The design has the potential to answer some significant questions about juvenile survival in reservoirs. Traylor asked about a release location and Sharpe said they don’t have one yet but that shouldn’t be a problem finding a good one. Sharpe said that to assist with a cold water release they are looking at an idea of taking the fish out by boat and sinking a tube lower in the water column.
	3. **[June 16]** Pre-spawn mortality **- ACTION:** Sharpe to look for correlation between run time and pre-spawn mortality, re-review Chris Caudill and George Naughton telemetry work, speak with Jeri regarding sentinel fish and stock specific difference concept.
3. **Updates.**
	1. **Marion Forks/Minto** (Grenbemer) -Grenbemer said they had a free fishing day at Detroit that went well last Saturday. 150 – 200 people. This week is the annual Marion Lake backpack stocking. Started feeding aquamyacin this week to help stave off BKD. Sharpe commented that he’d like to start tracking if fish have some odd size distribution due to fish going off their feed from the aquamyacin. Sharpe said Kremers has noticed the issue but Kremers said they have started with smaller feed and that seems to have helped. Grenbemer said that his fish are eating great. Sharpe went to Marion Forks yesterday to look at weir options at Marion and Horn Creeks. They should be ready to start installing starting with Marion Creek after the 17th. 7/8” is the spacing on the pickets. Grenbemer reported Winter Steelhead 194, Summer Steelhead 900, 22 reruns, (being held for the Siletz Tribe), CHS 199 marked, 48% male, 52% female. 59 unmarked, 70% male, 30% female.
		1. **Follow on Contract Update** – Installing flap gate valves in pre-sort pool, installing secondary containment for diesel generator and the kb disconnect for shut-off. All follow on contracting work is completed.
		2. **VFD Contract Update** – Traylor is working on the contract. It went out for bid and questions came in, those were answered and bid was sent back out. The contractor chosen moved on and the request for bid went back out to find another contractor. The new contracts for ODFW for facilities should include allowances for operations and maintenance, not just operations.
		3. **Modification Update** - Traylor brought up the fact that there are some items that need to be addressed at Minto. Grenbemer reported that the major concerns were safety items that have been completed. Some of the items are the recirculation pumps, communications cabinet, and air dryer. Traylor suggested we have Jim Butler or Tim Ernster from Detroit call into HMT’s next meeting to go over what they may have on their list of to-do’s for Minto.
	2. **South Santiam/Foster** (Boyd) –
		1. **Foster -** 204 Winter Steelhead,1100 Summer Steelhead. They have been collecting broodstock and collecting recycle fish for tribal needs. 147 CHS. 118 of the 147 are marked, 29 unmarked. The contractors are finished at FOS. A few small adjustments need to be made but the FOS staff will handle those.
		2. **South Santiam -** Free fishing day went well. Summer Steelhead juveniles tested positive for IHN. IHN procedures that have been put in place are strict isolation, disinfection, different staff handle just that species. They are trying to eliminate any kind of contamination that they can. Limiting feed and giving them a maintenance diet. Also adding salt to the pond. They have not seen IHN issues in juveniles in the South Santiam before. They have seen it in adults before. Ziller asked about eggs that went to Willamette and Boyd reported that those came from Skamania Hatchery.
		3. **Follow on Contract Update** – Final walk-through occurred 14 June.
		4. **16FOS03 MFR** Foster Fish Ladder Mortalities brief – Walker reported that the ladder went out of service and upon dewatering the fish salvage operation resorted in mortalities. Wild fish were salvaged and moved upstream however. The MFR has details on the operation and what went wrong. The timing of year was poor along with some other issues. Discussion is occurring about possibly installing a small hoist or something along the inaccessible portion of the fish ladder to assist with salvage in the future.
	3. **McKenzie** (Kremers) -
		1. Cogswell Mixing Project Update – Completed. Flow meters need to be installed and that should happen next week. When they dye tested there turned out to be a leak in the line. The old line and valve that were abandoned also had an old repair further down that must have had a crack. They were able to plug it with concrete two weeks ago and everything seems to be working fine. 339 returning adults. Only 87 females. 103 pair for broodstock right now. 4 or 5 unmarked fish. Helms asked if floy tags were going to be put in them before recycling and Kremers said yes.
	4. **Cougar Trap** (Taylor) –
		1. **Cougar -** Helms reported 42 unmarked fish back to facility so far. 28 females, 13 males. 3 have been recycled and came back a second time. 7 bull trout, 1 Summer Steelhead. There have been pump and knife gate issues. Contract was approved to get the damaged pump repaired. One of the old knife gate seals that is failing will be replaced this weekend. The pump repair has to be sent off for rebuild. Garletts reported that they are exploring keeping a spare pump on site.
		2. **Fall Creek –** Garletts reported that there have beenjust under 300 CHS. Strong burst of jacks. The run has slowed down some since going to the middle tier fish horn for supply water. Traylor asked about any update on the new facility and Garletts said he wasn’t sure how much they can report just yet.
	5. **Willamette/Dexter** (Peck)
		1. **Willamette –** Peck reported they are just finishing up with marking. Should be finished with production CHS by end of week.
		2. **Dexter –** The Malheur allocation has completed. 1623 CHS 174 Summer Steelhead. 200 males to Paiute tribe. 4 unmarked fish have gone up the North Fork Middle Fork. Everything else went for broodstock.
		3. **RAS Building Update** – Contractor should be finished by the middle of July. Progress is going well. Another two or three weeks and they will be able to start moving equipment in and buttoning up.
	6. **Leaburg** (Withalm) – Couture reported that the fish have been transferred back to McKenzie. 34 Summer Steelhead collected at Leaburg and recycled.
	7. **Fish counts at Bennett and Leaburg** (Sharpe/Friesen) – Sharpe reported at Bennett through 11 June they have low numbers. Half of the unmarked fish from Bennett are moving up to Minto. Smaller portion of marked fish going to Minto. Leaburg is at 30% pHOS. 735 unmarked, 325 marked. Same protocols at Leaburg as last year will be implemented.
4. **16DEX02 MOC NFMF outplanting -** This is the proposal to go from 1350 outplants to 675 to assist with the RM&E studies to look at survival in LOP. We have until 22 June for comments. Traylor reminded the group that we’d like concurrence or not by then. Sharpe said he doesn’t have a problem. Ziller wasn’t certain he understood the statistics behind it but he doesn’t have a problem with it and it seems reasonable.Traylor asked if 675 fish was reasonable for WV to take care of with truck and transport. Garletts said yes that’s doable although they may be down to one truck driver this year.
5. **Other:** Sharpe discussed brood mortality at Willamette. Sharpe commented that there is incredibly variable female broodstock mortality over time. Peck said his broodstock base is 2000 fish and that would be the most that would ever be in the pond although the pond was designed for 800 fish. Kruzic said from NMFS perspective the broodstock pond issue at Willamette needs to be addressed. Peck reported that the Corps did fund a design for a new pond and the report is on his desk. \*Longer in-depth discussion on recording that is posted on the website. **ACTION:** Sharpe to look for correlation between run time and pre-spawn mortality, re-review Chris Caudill and George Naughton telemetry work, speak with Jeri regarding sentinel fish and stock specific difference concept.
6. **Meeting adjourned at 11:20**