

Memorandum for the Record

SUBJECT: DRAFT minutes of Willamette FPOM April meeting

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

Last	First	Agency	Email
Couture	Ryan	ODFW	<a href="mailto:ryan.b.Couture@state.or.us">ryan.b.Couture@state.or.us</a>
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Ziller	Jeff	ODFW	<a href="mailto:Jeffrey.S.Ziller@state.or.us">Jeffrey.S.Ziller@state.or.us</a>

On the phone: Couture, Grenbemer, Helms, Kovalchuk, Mullan, Reis, Schwabe, Taylor, Wertheimer and Ziller.

## 1. Final decisions or recommendations made at this meeting.

- 1.1. March W-FPOM minutes were approved.
- 1.2. Leaburg Hatchery - Mackey recommended inviting Real Estate to the meeting next month.
- 1.3. 19NS016 Fish Facility Operations – approved
- 1.4. 19SS007 Fish Facility Operations –approved
- 1.5. 19MCK003 Fish Facility Operations – denied
- 1.6. Total Dissolved Gas/Maintenance Periods task group – the task group will meet immediately after the next WFPOM from 1000-1100.

## 2. Action Items

**[March 2019] McKenzie** - ACTION: Couture will follow up with Kurt Kremers on the cost estimate for larger pumps. *Status: Two different contractors came out. Both contractors agreed that only a submersible pump would work and neither has provided a cost estimate yet. Walker asked how pumps would affect the need for Leaburg. Couture said the plan would be to pump enough water to use McKenzie for smolt production and not move fish to Leaburg. If by 15 June, there is not enough water, then the smolts would be moved to Leaburg. Walker asked about the size of the pumps. The other issue is attraction of brood stock. Pumping only 50% of the water needed for the hatchery would most likely end up with not enough brood stock. Ziller is looking at a steep pass at Leaburg for collection of broodstock. Mullan asked when the pumps would be installed. ODFW would like the pumps prior to 15 June.* Couture noted ODFW needs assurance from the Corps on pumping and funds to make that work.

### 2.1.

- 2.2. [March 2019] McKenzie** - ACTION: Walker will set up Fish Facility Task Group (doodle poll), may pair with HMT. *Status: Completed.*
- 2.3. [March 2019] McKenzie** - ACTION: Walker will set up Spawning Survey Task Group (doodle poll), may pair with HMT. *Status: Completed.*

### 3. Updates

#### 3.1.

##### 3.1.1. North Santiam

- 3.1.1.1.** Marion Forks Hatchery – Production is going well. Ponding will start next week and fish numbers have been good.
- 3.1.1.2.** Minto Fish Facility – The ladder was shut down last week due to high TDG. The Big Cliff turbine returned to service on 23 April at 1805. TDG was at 102% so the Minto ladder will go back in service tonight. Mullan remarked that she had not seen this MFR. Walker was waiting until the whole event was over before sending the MFR. Grenbemer said the ladder would be brought back online 4/24 evening if TDG levels stay low; also the meter to measure TDG at Minto would be installed soon.

##### 3.1.2. South Santiam

- 3.1.2.1.** South Santiam Hatchery- The smolt production was released. The hatchery was somewhat flooded during the high water event. Since all the production has already been released, there were no inadvertent releases. Mullan asked about the ladder during the flood. Couture said there was a week during the highest river volume when they didn't collect any fish but now that flows have receded fish are being collected again.
- 3.1.2.2.** Foster Fish Facility – 41 STW were collected this month, totaling 43 for the season. All the fish were outplanted at the River Bend site. The site has severe bank erosion due to the high water. The site may not be usable for outplanting again and there is no other known site above Foster. Walker asked about the Gordon Road site and Couture will look into it as an alternative.

##### 3.1.3. McKenzie

- 3.1.3.1.** McKenzie Hatchery (water supply) – June 15 is the crucial time for the water supply issues. The contingency plan is to move the fish to Leaburg. Ziller is working on a design for a steep pass trap for Leaburg with Kenaston and Wade; preliminary drawings by next week, need to submit for approval. They would like to use a gravity supply to avoid the cost of a pump.
- 3.1.3.2.** Cougar Fish Facility – Since the facility opened last month, four bull trout have been transported. The flows are very high and the RO is running. Fish usually get attracted to RO so when flows start receding, they expect to start trapping fish again. An angler caught a 15lb bull trout on Hills Creek.
- 3.1.3.3.** Leaburg Hatchery (lease/use) – The Real Estate office sent a document with a closure plan to ODFW. Couture has exchanged emails with the RE office and is trying to set up a meeting. The timeline is a little tight to accomplish all the items. Couture asked to see a draft of the lease. Walker will follow up. Mackey recommended inviting Real Estate to the meeting next month.

**3.1.4. Middle Fork**

**3.1.4.1.** Willamette Hatchery –A mudslide closed highway 58 for a couple of days with no real impacts to the hatchery. All the smolts are outside in the ponds.

**3.1.4.2.** Dexter Fish Facility – All smolts have been released. Crews are preparing for adult collection and the adult collection trap should be open by the end of May.

**3.1.4.3.** Fall Creek Fish Facility- A total of 35 STW have been collected - 20 females and 15 males.

**3.2.** HGMP updates – The COE and ODFW are reviewing the terms and conditions for the HGMP BiOp.

**3.3.** WFFDWG/Research updates – The special operations will continue through 15 June (end of juvenile passage) at Foster. The fish weir remains out of service until the modifications are made. The FY19 studies are being discussed at RME; this is later than normal due to the government shut down. No additional updates for SWIFT beyond what was presented at the science review in March.

**3.4.** Water Quality Updates – TDG came down after the Big Cliff unit came back online in the Santiam.

**3.5.** Flow update – The next flow call is 02 May at 10am.

<b>Sub-basin</b>	<b>Dam</b>	<b>Minimum Flow (cfs)</b>	<b>Current Flow (cfs)</b>	<b>Primary Use</b>
North Santiam	Big Cliff	1,500	2040	steelhead spawning
South Santiam	Foster	1,500	2110	steelhead spawning
SF McKenzie	Cougar	300	995	rearing
McKenzie	Blue River	50	389	rearing
MF Willamette	Hills Creek	400	2457	rearing
MF Willamette	Dexter	1,200	4867	rearing
MF Willamette	Fall Creek	50	215	rearing

**3.6.** Pinniped Update (ODFW) – Reis reported that ODFW did not trap during the high flows. Twenty new sea lions have shown up at Willamette Falls. The crews will be splitting their time between BON and Willamette after this week. Wertheimer said that at BON there are three CSL and the rest are SSL. It may not be worth ODFW's time to go to BON. Reis did not know if the sea lions are CSL or SSL at Willamette. Wertheimer suggested following up with ODFW at FPOM on 09 May.

**3.7.** BPA updates – none

**4. Willamette Valley Contract Status**

**4.1.** Willamette Hatcheries (ODFW) - There is a new contract this year. The COE is waiting on council to review the contract or scope of work before it is sent out to ODFW.

**4.2.** Trout (Desert Springs) – The contract is in option 3 of 4 periods. The final option period needs to be awarded by the end of December and a new contract is required by September of next year.

**4.3.** Monitoring and Evaluation (spawning surveys) – Proposals for the spawning surveys were due on 19 April. Walker expects to have the contract awarded soon.

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

5.1. 19BCL02 MFR Elevated TDG – Walker will send this out.

6. **Fish Operations Plan:** WFOP homepage:

[http://pweb.crohms.org/tmt/documents/FPOM/2010/Willamette\\_Coordination/WFOP/](http://pweb.crohms.org/tmt/documents/FPOM/2010/Willamette_Coordination/WFOP/)

6.1. Status of WFOP

6.2. Change forms (all pending)

6.2.1. 19NS016 Fish Facility Operations – The fish facility task group discussion occurred at the HMT meeting. Three of the four subbasins were discussed and produced these change forms. Dexter will be discussed at the next HMT because it is a unique situation. The language is now consistent with the contract language. Couture thought the outplant criteria column should be “at Minto” versus “at Niagara”. The Detroit crew was going to install the permanent TDG meter at Minto but due to the extended outage, it hasn’t happened yet. Mullan would like to discuss the timing of outplanting in relation to the ladder operations. The outplanting is in the reach between Niagara and Minto. Grembemer said the % was taken off the meter readout from Niagara after some updates were made. Walker will follow this issue to see if that parameter returns. Ladder operations will be in an MFR and if it occurs regularly it will be a new change form. **Approved.**

6.2.2. 19SS007 Fish Facility Operations – Couture said that at Foster, Boyd doesn’t have the ability to temper the water for ChS outplanting due to the bank access. Taylor said that doing outplants in the morning could avoid the need to temper. The intake for Foster is so deep and the water is so much cooler than the river that it amplifies the situation. **Approved.**

6.2.3. 19MCK003 Fish Facility Operations – Taylor would like to keep the language the same at all the hatcheries. **ACTION: Walker will write a different change form that has the same language as the other facilities.** **Denied.**

6.2.4. 10MFW013 Fish Facility Operations – This change form will be discussed at the next HMT.

7. **Task Group Updates.**

7.1. Hatchery Management Team (HMT) – The adult disposition table for 2019 was discussed.

**ACTION: Walker will post the 2019 disposition table to the web.**

7.2. SWIFT, Flow task group (Piaskowski) – SWIFT was presented at science review last month.

7.3. Total Dissolved Gas/Maintenance Periods task group (Walker) – Walker has not rescheduled this meeting. Mackey asked if there is still a committed interest to this topic. ODFW expressed interest this meeting. Taylor asked what the purpose of this meeting is. Walker said that a change form was proposed with different maintenance periods but the details of the maintenance period needs to be discussed within the group so that it can align with fish needs. Reis said that there has been several extended maintenance periods and wants to make sure the importance of the fish concerns are heard. Mackey recommended having the meeting after the May WFPOM meeting from 10-11. Reis wants an email to go out so Elise Kelly can be at the meeting.