

## Memorandum for the Record

SUBJECT: Minutes for the 25 July 2018 Willamette Fish Passage Operation and Maintenance Meeting.

The meeting was held in the Lobby Conference Room 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>
Dishman	Diana	NOAA	<a href="mailto:Diana.Dishman@noaa.gov">Diana.Dishman@noaa.gov</a>
Hoque	Yamen	NWP	<a href="mailto:Yamen.M.Hoque@usace.army.mil">Yamen.M.Hoque@usace.army.mil</a>
Hudson	Mike	USFWS	<a href="mailto:michael_hudson@fws.gov">michael_hudson@fws.gov</a>
Kovalchuk	Erin	NWP-ODT-F	<a href="mailto:Erin.H.Kovalchuk@usace.army.mil">Erin.H.Kovalchuk@usace.army.mil</a>
Kremers	Kurt	ODFW	<a href="mailto:kurt.kremers@state.or.us">kurt.kremers@state.or.us</a>
Lundell	Tina	NWP	<a href="mailto:Tina.M.Lundell@usace.army.mil">Tina.M.Lundell@usace.army.mil</a>
Mackey	Tammy	NWP-ODT-F	<a href="mailto:Tammy.M.Mackey@usace.army.mil">Tammy.M.Mackey@usace.army.mil</a>
Neuenhoff	Rachel	NWP-PM-E	<a href="mailto:Rachel.D.Neuenhoff@usace.army.mil">Rachel.D.Neuenhoff@usace.army.mil</a>
Reis	Kelly	ODFW	<a href="mailto:Kelly.E.Reis@state.or.us">Kelly.E.Reis@state.or.us</a>
Richards	Natalie	NWP	<a href="mailto:Natalie.A.Richards@usace.army.mil">Natalie.A.Richards@usace.army.mil</a>
Schwabe	Lawrence	Grand Ronde Tribe	<a href="mailto:Lawrence.Schwabe@grandronde.org">Lawrence.Schwabe@grandronde.org</a>
Walker	Chris	NWP-ODT-F	<a href="mailto:Christopher.E.Walker@usace.army.mil">Christopher.E.Walker@usace.army.mil</a>

On the phone: Couture, Dishman, Hoque, Hudson, Kremers, Reis, Richards and Schwabe.

**1. Final decisions or recommendations from this meeting.**

1.1. Comments on the June meeting minutes are due 01 August 2018.

**2. Action Items**

- 2.1. **[July 2018] Monitoring and Evaluation (spawning surveys)** - ACTION: Walker will get monthly updates from the contractor and will pass these on to the group.
- 2.2. **[June 2018] North Santiam** - ACTION: Walker will follow up with Grenbemer on the parts for the hoist. *Status: The hoist has been fixed.*
- 2.3. **[June 2018] 18CGR03 MFR minimum flow restoration** - ACTION: Walker will send out the results of the internal meeting to the group for comment. *Status: The result was no change to the MFR.*
- 2.4. **[June 2018] 18CGR04 Cougar Outplanting**- ACTION: Walker will update the MOC with Ziller's email comments and send to the group. *Status: Completed.*

**3. Updates**

- 3.1. HMT Updates – The fish collection at the Foster Fish Facility is very slow. Walker is checking to see if there were any different operations this year for next HMT. Couture added that Minto is also behind in fish collection. McKenzie and Middle Fork have been collecting average numbers of ChS.
  - 3.1.1. North Santiam
  - 3.1.2. South Santiam
  - 3.1.3. McKenzie
  - 3.1.4. Middle Fork

**3.2.** HGMP updates – The StS HGMP was submitted. Kruzic will be sharing a draft of the BiOp in the next couple of weeks.

**3.3.** Research updates – The SWIFT group had an informational meeting on 24 July. Neuenhoff said that there is a proposal package to look at copepods on outplanted fish but this is in the very early stages of planning. There was a question about outplanting numbers and where to find the data. Walker posted the latest counts on the HMT page but needs to add Cougar and Fall Creek.

**3.4.** Water Quality Updates – Water samples were collected at Detroit due to the ongoing HAB issues. With the Temperature Tower project, Detroit is of major interest.

**3.5.** Flow update – N. and S. Santiams are maintaining the minimum targets. Cougar is holding close to the 300 cfs due to a request from the Forest Service to maintain minimum flows (also the BiOp minimum) for a construction project which occasionally dips. Flows from Blue River and Hills Creek are being used to augment the Willamette mainstem flow. At Fall Creek, water is coming out of all three fish horns. All this water means that targets for Albany and Salem are being met. The spill/generation ratio had to be modified at Detroit/Big Cliff to 44% spill/56% generation causing the temperatures rise quicker than anticipated. Flows at Fall Creek should stay steady until next week.

Sub-basin	Dam	Minimum Flow (cfs)	Current Flow (cfs)	Primary Use
North Santiam	Big Cliff	1,000	1,050	Rearing
South Santiam	Foster	800	852	Rearing
SF McKenzie	Cougar	300	295	Rearing
SF McKenzie	Blue River	50	317	Rearing
MF Willamette	Hills Creek	400	703	Rearing
MF Willamette	Dexter	1,200	2,068	Rearing
MF Willamette	Fall Creek	80	206	Rearing

### **Willamette Mainstem**

Salem: 6,000 cfs (minimum flow), 6,440 cfs (current flow)

Albany: 4,500 cfs (minimum flow), 4,834 cfs (current flow)

**3.6.** Pinniped Update (ODFW) – Reis reported that no pinnipeds were present. Mackey noted that a couple of sea lions have already returned to BON tailrace. Dishman sent an email update that no pinnipeds have been present for about a month.

**3.7.** BPA updates -

**3.8.** Cougar Fish Facility – A total of 66 ChS have returned to the facility and 38 have been recycled above the dam. The facility is now closed due to road closure and warm temperatures. No one had an update on the road closure. McKenzie will start moving fish the first week of September. Dishman suggested a meeting to proactively decide what to do if the road is not open by mid-August. **Email update: the road opened on 27 July.**

**3.9.** Fall Creek Fish Facility – A total of 71 ChS (41 males and 30 females) unmarked fish were placed above the dam. The contractor is coming back at the end of September to fix a couple of issues.

## **4. Willamette Valley Contract Status**

**4.1. Willamette Hatcheries (ODFW)** – Awarded, current. Option year mod by 1 Sept 2018. Mackey is still seeking funds for this contract.

**4.2. Trout (Desert Springs)** – Awarded, current. Option for 200K lbs for 2019 deliveries awarded. Next year, the base plus any additional needs to be awarded by January 1, 2019 and the timeframe won't be extended like this year.

**4.3. Monitoring and Evaluation (spawning surveys)** – Surveys ongoing. This is a one year contract. Dishman asked if she can get updates from this contractor to help with the RME proposals they are working on. **ACTION: Walker will get monthly updates from the contractor and will pass these on to the group.**

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

- 5.1.** 18CGR03 MFR minimum flow restoration – The flow is being restricted to 300 cfs below Cougar but there could be some changes for the restoration work downstream. An update or a new MFR may be necessary if the flows change again.
- 5.2.** 18CGR04 Cougar Outplanting – A meeting will be scheduled to discuss options and decide how to operate. Update: the meeting is no longer necessary.
- 5.3.** 18WVP06 MFR Trout Stocking Wild Fish Section Incorrect Location – The contractor stocked in the wrong place. Walker will resend the MFR after he adds the numbers and locations.
- 5.4.** 18DET02 North Santiam Water Temperature Targets – The temperature target was increased to 60°. The temperature regulations started late this year and these increased targets help the system catch up. The new targets were implemented on 20 July. Dishman asked if they will lose the spillway crest. Hogue said the higher temperature target was in order to prolong the spillway crest as long as possible [would not prolong but would better optimize]. After reviewing the model, Hogue predicted that between the 2<sup>nd</sup> and 3<sup>rd</sup> week of August they would go below the spillway crest and then cooler temperatures could be expected.

## 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 the 2018 WFOP – The plan is being printed and shipped this week.

**6.2.** Change forms

- 6.2.1.** 18MCK003 – Fish Passage RO (pending) – Walker is still waiting on info from Greg Taylor.
- 6.2.2.** 18NS003 – Maintenance Periods (pending) – This is in conjunction with the Adult Fish Facility Operations task group. Change forms and comments on the WFOP are due August 3.

## 7. Task Group Updates.

**7.1.** SWIFT, Flow task group (Piaskowski)

**7.2.** Adult Fish Facility Operations