

MEMORANDUM FOR THE RECORD

Subject: Final minutes for the 03 September 2019 Willamette Fish Facility Design Work Group meeting.

The meeting was held in the Fireside Conference Room, USACE Block 300, Portland, OR. In attendance:

Last name	First Name	Agency	Email
Bell	Bridget	NWP-ENC-DS	Bridget.M.Bell@usace.army.mil
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Murauskas	Josh	Four Peaks Consulting	jmurauskas@fourpeaksenv.com
Piaskowski	Rich	NWP-PM-E	Richard.M.Piaskowski@usace.army.mil
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Schwabe	Lawrence	Grand Ronde Tribe	Lawrence.Schwabe@grandronde.org
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Tarbox	Erica	NWP	Erica.M.Tarbox@usace.army.mil
Woolbright	Ryan	NWP-ENC-HD	Ryan.C.Woolbright@usace.army.mil

On the phone: Hudson, Janes, Jundt, Kelley, Murauskas, Piaskowski, Reis, Schwabe, and Skiles.

Meeting Purpose:

Finalize previous meeting notes. Provide an update on status of active design projects.

1. Final decisions or recommendations made at this meeting.
 - 1.1. August meeting minutes were approved.
2. Upcoming Reviews

Document	Review Dates
Foster DSP 60% EDR	Closed
Foster Ladder Draft Assessment Report	October/November
Cougar DSP 60% Plans and Specs	Closes 12 September
Cougar physical model construction	February
Detroit SWS 30% Plans and Specs	End of September
High Head Bypass 30% report	October/November

3. Updates on active design/construction projects

- 3.1. Fall Creek AFF – Jeff Hicks is the new PM. There are no updates since last month. The PM is working on the follow on contract for this fall.
 - 3.2. Foster AFF ladder Improvements – The PDT is working on the assessment report or a mini EDR; FFDWG review will be this fall.
 - 3.3. Foster DSP - Fish Weir Design Improvements – The 60% review is closed; comments were received from NOAA and ODFW. The team is now working finalizing the 100% EDR and still going forward with the Obermeyer weirs plan and plunge pool.
 - 3.4. Cougar DSP
 - 3.4.1. Q & A/ Discussion of the 60% Plans and Specs Package – The 60% Plans and Specs Package closes 12 September. Tarbox showed the 3-D model with new software and gave an overview of the project. There were no questions on P&S yet.
 - 3.5. Cougar DSP 2.0 (new PDT) – The team is close to awarding a contract. This PDT is to explore fish passage ideas without the constraint of power production. After the contract is awarded, a brainstorming session will be scheduled.
 - 3.6. Detroit Temp Control and DSP – The AE submitted the FSS DDR at the end of August. USACE is reviewing the document and back checking comments. The contract period with the AE has expired; any further comments will be authored by USACE. The design focus shifts to the SWS structure. The FSS DDR remains a living document and can be updated if the design of the SWS affects it. BPA is reviewing the 30% SWS Plans and Specs. After the BPA review, it will be sent to the FFDWG group. For FY20, the internal design team will work on above water features. There is no funding for the underwater design until the funding for ECI (Early Contractor Involvement) comes in. The team is already aware of some items that will change after the 30%. Construction on the penstock bifurcation physical model will start in February and the first model run will be in July. The model will be located in ERDC. Kelly Janes is setting up an internal meeting on the blasting impacts to discuss the outcome from the agency partner meeting. She needs more details from PDT engineers on the blasting effects and the radius affected. A follow up meeting with the partners will be scheduled once she knows the blasting details. The team is waiting on the IEPR (Independent External Peer Review) and working through the public comments for the EIS. The EIS will need to be updated on the blasting mitigation. If there are any major changes to the EIS then a supplemental EIS would be required, resulting in a restart of the NEPA process.
 - 3.7. High Head Bypass – The team is still working on 30% EDR with the alternatives discussed at the brainstorming workshop. Mid-October should be the review for WFFDWG. The team is developing the evaluation matrix and will be shared at the October meeting. The HHB contract is for Cougar but end of year money is available for Detroit so the option in the contract to add Detroit will be exercised. The contractor is the same – AE Com and expecting similar sub-contractors as well. FFDWG should expect a workshop to be scheduled in Mid-October. The process will be similar to the contract for Cougar.
4. Next Steps
- 4.1. Next WFFDWG meeting currently scheduled for October 1. Khan would like to schedule another meeting at Salem or NMFS.
 - 4.2. Upcoming reviews – Cougar 60% comments due on 12 September. ODFW didn't have volume 1 but they didn't think they needed it. Jundt will follow up with Tarbox after the meeting on her

questions. Hudson and Schwabe haven't downloaded the report yet. Foster fish ladder – Oct/Nov, HHB –Oct/Nov, and Detroit 30% Plans and Specs - end of September. FSS DDR – need to address all internal comments first.