

**Columbia River Regional Forum
System Configuration Team Meeting
July 19, 2018
Final Notes**

Minutes by Melissa Haskin, Flux Resources LLC, Contractor for BPA, PGB-5

1. Introduction

Representatives of NOAA, Washington, BPA, NPCC, COE, ID, and others participated in today's SCT meeting chaired by Ian Chane, COE.

The main focus of the meeting was FY18 updates. Ranking for FY 19 was postponed until the next SCT in August.

2. FY18 CRFM Budget Update

Ian Chane, COE, reported that the current budget is \$70.386 million with a \$70 million pdbud and a small carryover from last year. Projects on the Willamette will take up an estimated \$18.1 million. Most of the Willamette work is related to work on the Cougar Reservoir in Lane County. There have been significant increases in the project needs for downstream passage, he said. Lamprey efforts are also of note with a budget of \$4.632 million and carryover into FY2019 of \$700k. The carryover will cover closeout of lamprey work and the estimated construction budget for next year. All contracts will be placed in FY18.

3. FY18 CRFM Project Updates

Chane took SCT through the following changes to FY18:

Line 7, The Dalles East Fish Ladder Emergency Auxiliary Water Supply, reduced by \$300k, related to 7-foot valve, which will not be settled until next fiscal year. There have been some discussions with the contractor about where the issue lies. Testing should help resolve this. Chane said there would be more information to come.

Line 14, McNary Avian Water Cannon Deficiency Correction and Avian Wire Design Feasibility Report, adjusted from \$750k to \$150k. There has been some damage and Margie McGill noted that it may be necessary to reevaluate due to height damage during higher flow. An assessment has been scheduled for September. Charles Morrill, WA, agreed that it makes sense to take the correction off the table until the reassessment, but noted it would be a shame to hold off until FY20 for corrections.

Trevor Condor, NOAA, wondered if the walkway destroyed last year due to high flows, would be included in this project or if it would be a separate project.

McGill replied that it is tricky. “Once we install it and turn it over to the project it turns over to the ONF program.” She said she believed the last version was designed properly and wondered if a correction would involve debris management. She said the Corps may also evaluate what the walkway is needed for. One SCT member wondered if the walkway was built too low. McGill said it was one of the many things the Corps was looking at.

In regards to the damage to the walkway, Tom Lorz, Umatilla/CRTIFC, argued that design deficiency must have been a factor. “It might have been designed properly, but not for that location,” he said. Condor agreed with Lorz.

There was some discussion among SCT members about the design of the walkway. Debris may have been the cause of the failure of the walkway. Debris will continue to be an ongoing issue at that location.

Ian Chane, Corps, wrapped up the conversation saying the Corps would look into if design deficiency was the reason for the damage. He said he was hopeful for funding and that there is a clear funding need.

Action → Margie will report back on this issue at the next SCT.

Line 16 Turbine Passage Survival Program - Ice Harbor Test Turbine, reduced from \$400k to \$361k. The project is continuing to see delays. The \$361 is a moving target and may increase by as much as \$100k.

Line 22 Lower Granite Spillway PIT Tag Detection - Post Construction Monitoring. This item has been deferred and its funding has been reallocated to higher priority actions. This item could be pulled back into FY18 to free up funds in FY19, if necessary.

Line 26, Lower Granite Surface Passage Modifications, currently \$31k down from 50k. The cost of modifying the RSW to be deployable, safe, and operable was on par with the cost of a new RSW. The Corps now has a good idea of what it will take to fix the RSW and will table the estimate for future action, if necessary.

Line 44, Bonneville Powerhouse 2 Floating Orifice Gates/Bulkheads, was originally deferred to FY19, but has been adjusted to be partially funded for FY18. There are different options available for the material of the bulkheads and they may need to be reviewed depending on the price of steel, which is currently on the rise. There is also a question of what material the new gates should be made of: concrete or steel. One might be more expensive but last longer than the other.

Lower Granite Juvenile fish facility (Margie) – McGill reported that proposals were supposed to be in by the end of June but were not submitted by that time. She is waiting on 30 outstanding proposals before she can close the contract out. The contractor has \$3 million that will need to be obligated this fiscal year. The contractor is taking his/her time to respond and McGill is not sure how much work will be completed this fiscal year. She said for this kind of stuff, they are at the

mercy of the contractor. She noted it would not be good if everything hit in FY19. She is trying to come up with a contingency plan.

3. FY 19

Chane reported that there is a \$7 million deficit in FY19. The president's budget is \$46 million, down from the \$53 million that was used to set FY19. Money from studies, which have been defunded, has been shifted around to cover other needs, previously identified by SCT. The FY19 budget presented at today's SCT has been balanced to \$46 million with a matching pbud.

A few notable changes include:

Line 1, the total Willamette budget has increased from ~\$19.8 million to ~\$22.5 million.

Line 3, Estuary Habitat Studies, has increased from \$625k to 875k due to work approved in fiscal '19.

Line 4, Avian Predation - Cormorant Management and Monitoring, construction will happen in '19 but the question is whether to use '18 funds or '19 funds.

Line 7, The Dalles East Fish Ladder Emergency Auxiliary Water Supply, has been bumped up \$250k for close out (up to \$750k from \$500k). 7 foot valve issue might have some funding need to put back (what does that mean?)

Line 12, Reservoir Temperature Monitoring at Lower Columbia River Dams, this project is in the middle of installation, which will be a multi-year effort.

Line 15, McNary Top Spill Weir (TSW) Permanence, this should be awarded in early '19, the project is going well and the company was given seed money to make sure the design was completed.

Line 21, Lower Granite Spillway PIT Detection, deferred and moved to '19. The Corps might try to pull it into '18 to free up money in '19. Currently the Corps is trying to line up an evaluation.

Line 44, Bonneville Powerhouse 2 Floating Orifice Gates/Bulkheads, reduced from \$935k in '19 to \$250k. Work/contracts have moved into fiscal '18. That number will likely change as the fiscal year comes to a close and the Corps gets a better idea of what can be completed this year.

Line #51 will remain a placeholder.

4. Next SCT

The next SCT is scheduled to occur on August 16. Members would like an update on item #15, the McNary TSW. FY 19 rankings will also be completed at the next meeting. They could not be completed during this meeting due to a lack of quorum.

5. Today's Participants:

<i>Name</i>	<i>Affiliation</i>
Blane Bellerud	NOAA
Charles Morrill	Washington
Trevor Conder	NOAA
Leslie Bach	NPCC
Ian Chane	COE
Melissa Haskin	Flux Resources
Tom Lorz	Umatilla
Leah Sullivan	BPA
Derek Fryer	COE Walla Walla
Margie McGill	COE
Christine Peterson	BPA
Russ Kiefer	ID