

MEMORANDUM FOR THE RECORD

Subject: FINAL Minutes for the 12 April 2007 FPOM meeting.

1. The meeting was held at McNary Dam, Walla Walla District, USACE. In attendance:

Last	First	Agency	Office	Email
Benner	David	FPC	503-230-7564	dbenner@fpc.org
Bettin	Scott	BPA	503-230-4573	swbettin@bpa.gov
Chockley	Brandon	FPC	503-230-5362	
Cordie	Bob	USACE	541-298-7406	Robert.p.cordie@usace.army.mil
Eby	Brad	USACE	541-922-3211	Brad.w.eby@usace.army.mil
Fredricks	Gary	NOAA	503-231-6855	Gary.fredricks@noaa.gov
Hausmann	Ben	USACE	541-374-4598	Ben.i.hausmann@usace.army.mil
Hevlin	Bill	NOAA	503-230-5415	Bill.hevlin@noaa.gov
Hurson	Dave	USACE	509-527-7125	Dave.f.hurson@usace.army.mil
Klatte	Bern	USACE	503-808-3943	Bernard.a.klatte@usace.army.mil
Lorz	Tom	CRITFC	503-238-3574	lorz@critfc.org
Mackey	Tammy	USACE	503-808-4305	Tammy.m.mackey@usace.army.mil
Melanson	George	USACE	509-399-2233	George.w.melanson@usace.army.mil
Meyer	Ed	NOAA	503-230-5411	Ed.meyer@noaa.gov
Morrill	Charles	WDFW	360-902-2747	
Richards	Steven	WDFW	509-545-2050	richaspr@dfw.wa.gov
Rose	Robert	USACE	503-808-4318	Robert.e.rose@usace.army.mil
Setter	Ann	USACE	509-527-7591	Ann.l.setter@usace.army.mil
Spurgeon	Bill	USACE	509-282-7211	William.f.spurgeon@usace.army.mil
Swenson	Larry	NOAA	503-230-5448	Larry.swenson@noaa.gov
Tudor	Rosanna	WDFW	541-922-3630	
Wills	Dave	USFWS	360-604-2500	David_wills@fws.gov

2. The following handouts were distributed:

- a. Agenda, Fish Passage O&M Coordination Team, handed out by D. Hurson.
- b. O & M report for Walla Walla projects, handed out by D. Hurson.
- c. O & M report for The Dalles/John Day projects, handed out by B. Cordie.
- d. O & M report for Bonneville Dam, handed out by B. Hausmann.
- e. Spring Creek mortality memo, handed out by B. Hausmann.
- f. Shad Fishery information, handed out by B. Cordie
- g. Walla Walla budget spreadsheet, handed out by D. Hurson.
- h. Portland District budget spreadsheet and descriptions, handed out by T. Mackey.
- i. Preliminary McNary TSW results, handed out by A. Setter.

3. Action Items

- 3.1 Summer spill recommendations. **ACTION:** FPOM members will need to run the recommendation of 83 or 85K through their offices, as well as the Office of Legal Counsel. The Technical Team will take the recommendations to NWD. **STATUS:** A special FFDRWG was held on 11 April.
 - 3.1.1 The region accepted increasing the minimum spill from 75K to either 83 or 85K. The final decision will be made the week of April 23rd, when members will be down at ERDC to look at the model again.
 - 3.1.2 More information is needed before the region can sign off on the summer spill date changes. D. Schwartz is working on the stock assessment for moving the date up.
 - 3.1.3 More information and analysis is needed before the region is willing to accept a lower summer gas cap. J. Sweet is working on pulling together data on survival to justify reducing the gas cap for summer spill.
- 3.2 Lower Monumental full flow detector. NWW wants to reduce fish numbers through the sampler, until transport starts. **ACTION:** D. Hurson will talk with Sandy Downing to get more details about the study and the fish she needs.

- 3.3 Lower Granite RSW drogue activities. USGS wants to run drogues across the forebay for calibration. **ACTION:** B. Klatte will send the information to D. Hurson regarding the request.
 - 3.4 The Dalles tainter gate issues. **ACTION:** NWP will provide more details as to what is going to happen and how repairs will be paid for in May.
 - 3.5 Shad Fishery Task Group. **ACTION:** B. Cordie to send out a meeting request. **STATUS:** Tentatively requested time for people to meet after the AM FPOM meeting and before the PM budget prioritization meeting.
 - 3.6 Budget Priorities. **ACTION:** D. Hurson will send T. Mackey written descriptions of the NWW items. T. Mackey will send those documents to the FPOM member. **STATUS:** D. Hurson will send NWW items out to FPOM members. T. Mackey included the NWP documents with the Draft April FPOM minutes.
 - 3.7 Bonneville PH1 turbine priorities. **ACTION:** Look at tailrace conditions with the models.
 - 3.8 Switch Gate Seal at BON: **ACTION:** TDA and BON will collaborate on new seals. E. Meyer requested BON look into a PLC change to allow for continuous flushing flow.
- 4 Construction Updates
 - 4.1 Bonneville provided a handout. No TIES will be scrapped this year.
 - 4.2 TDA/JDA provided a handout.
 - 4.2.1 South Turbine rehab. JDA able to maintain FPP criteria with two fish turbines. They need to bulkhead the third to minimize water loss. **FPOM agreed to closing the FOGs in March. FPOM wants FOGs closed ONLY if criteria can not be met, then close only the ones needed.**
 - 4.3 Walla Walla provided a handout.
- 5 Fishway Status
 - 5.1 Bonneville provided a handout.
 - 5.2 TDA/JDA provided a handout.
 - 5.2.1 A forebay restriction was requested on 06 April due to the PUD fishway valve failing to control properly. The valve was repaired on 10 April.
 - 5.2.2 B. Cordie is concerned there may be too few avian lines at TDA's spillway.
 - 5.2.3 Dam angling is to start soon. USDA will be doing the fishing, with BPA providing funds.
 - 5.3 Walla Walla provided a handout.
- 6 Research.
 - 6.1 Bonneville provided a handout.
 - 6.1.1 B. Hausmann provided a handed out detailing the activities around the Spring Creek mortality.
 - 6.2 TDA/JDA provided a handout.
 - 6.3 Walla Walla provided a handout.
 - 6.3.1 A. Setter provided a handout of the preliminary TSW study results.
 - 6.3.2 D. Hurson inquired about reducing fish through the Lower Monumental sampler until transport begins (tentatively scheduled to start in May). He will talk to Sandy Downing to get more details about the fish needed for her study.
- 7 Snake River Outages.
 - 7.1 Little Goose. TMT discussed moving research equipment and agreed to shift spill to allow the hydrophones to be lowered to the correct position. Two hydrophones require a full spillway outage. TMT fish agencies wanted to "make up" spill, but the Corps disagreed. USGS has suggested they could get more crews and get the work done in two hours. FPOM agreed to a 1200-1400 work window. This would be conveyed to TMT at the 13 April morning call.
 - 7.2 Lower Granite RSW. USGS has requested the RSW be turned off so they can run a drogue across the forebay. Bern will forward the request to D. Hurson. **FPOM not supportive of the closure.**

- 8 Task Groups.
 - 8.1 The Shad Fishery task group was recreated. New members include: Chair- B. Cordie, D. Benner, G. Fredricks, T. Lorz, T. Mackey, J. Rerecich, D. Wills. **ACTION:** B. Cordie to send out a meeting request.
- 9 Ice Harbor Turbine Operating Priorities.

Late last fall/early winter BPA blew a transformer at a substation that takes part of the power from ICH. Will take a year to replace. Lots of questions about stabilizing the system. Considering bulkheading Unit 2 and running it as a motor, but doesn't sound like that will need to happen. The Project would like to run U3 all the time, not just during the summer. If we lose Unit 1 on line 1, there is a problem for the Tri-Cities, but if we run U3 and lose it, then there isn't such a problem. D. Hurson had sent out a message with more details earlier in the week.

FPOM members further discussed the situation. G. Fredricks asked about egress conditions with U3 running. D. Hurson replied that Brad Eppard had looked at the data and found fish come in, circle around then leave. B. Hevlin commented that U1 is better to operate at low flows. During daytime, have U1 as priority and U3 at night. U1 is operated for adult passage. D. Hurson said that U1 and U3 can operate when flows are over 65K and four years of adult studies (U1 v U6) showed no difference.

B. Hevlin would like to look over the data before agreeing to the change. He said U3 as priority will be a problem in July and August. **Right now NOAA will agree to U3 at night and U1 in the day.**

D. Hurson replied that July/August is when U1 is OOS for maintenance. D. Hurson agreed to look at adult counts to see if there is a problem with U3. This isn't tied into a court order so changes should be made quickly.

S. Bettin- may not be able to change between U1 and U3 with the transformer. May take U1 and U3 out and spill but don't want to do that. D. Hurson will check to see about re-routing unit 1 to line 2.
- 10 The Dalles Spillgate Problems. NWP will provide more details in May.
 - 10.1 Gates 10-23 are tagged out of service due to trunion pin problems. The problems really apply to all tainter gates built before 1970 in NWP. Project Fisheries first heard about the issue on 11 April, though FFDRWG knew about it on 5 April. R. Rose said that the trunion pins need to be lubricated all the way around. This was accomplished on gates 1-9 when the wire ropes were replaced last year. Gates 14-23 are on the UFR list but he isn't sure where gates 10-13 are. There is also a big concern about the money potentially coming from the fish budget since the current thinking is that spillways are now being used as fish bypass even though they weren't built for that purpose. More to come on this issue.
- 11 Little Goose Navigation Lock. The navlock is scheduled to be fixed by the end of April. The four day outage is scheduled from 13-16 April to allow the epoxy to set before returning to service. Lockages are allowed at night with the use of the bulkhead. No recreational lockages at this time.
- 12 Start of Transport and Research Barging. The schedule has been adjusted to accommodate the Little Goose lock outage. Officially, research/transport barges are to start between 20 April and 01 May.
 - 12.1 Studies are starting to indicate that transported fish may reach the estuary too soon. There is a staggered start; Little Goose starts eight days after Lower Granite. This keeps in-river fish in the river.
- 13 John Day 60% Maximum Spill Limit. Fredricks is concerned about how the 60% is calculated. He stressed that 60% is the maximum, not an average. The limit is set to maximize survival and egress conditions. This is the same for TDA 40% spill limit. B. Klatte indicated he has sent teletypes updating the language to reflect the spill percent is a maximum, not an average. Water quality folks are watching spill volumes very closely and will report any deviations from the FPP.

- 14 TSW demonstration. FPOM members took a break to watch the opening of one of two TSWs. It took about an hour to get the gate open, but it was very impressive once it happened.
- 15 Bonneville Oil Spill update. The leak has been traced to U17 headgates. The unit is isolated and repairs are underway.
- 16 PH1 ITS chaingates. Dennis requested approval to open chaingates 1A and 1B to provide more flow for juveniles. **FPOM agreed.**
- 17 ICH minimum generation. The FOP needs to be changed because it has the incorrect minimum generation. Needs to be 9.5K.
- 18 Budget Priorities. NWP handed out updated five year plans. T. Mackey will send NWP documents electronically and FPOM will be ready to discuss and prioritize during an afternoon special FPOM/ budget prioritization meeting on 10 May. D. Hurson will provide written descriptions of NWW items and send that to FPOM members.
- 19 River Flow Forecast. Coulee and Libby are >100%. All others have dropped since the last forecast.
- 20 FPP comments. B. Klatter distributed copies of the FPP. There were some items that came out of FPP discussions for The Dalles and John Day. They are listed below.
 - 20.1 TDA Section 2.6.1.2- want to discuss the water velocity requirements.
 - 20.2 TDA Section 3.3.2.4. - need to discuss diffuser grating repairs and whether those can wait until the IWW period if the valve is closed.
 - 20.3 JDA Section 2.4.1.2.a- Need to discuss including a VBS drawdown measurement requirement.
 - 20.4 JDA Section 2.4.1.2.m.8- need to discuss the dewatering of the PDS for adult removal during fish passage season.
 - 20.5 JDA Section 3.3.2.4- need to discuss diffuser grating repairs and whether those can wait until the IWW period if the valve is closed.
- 21 Meeting adjourned at 1335. Next meeting to be held in the Summit Room at RDP on 10 May. 0900-1200 will be a standard FPOM meeting. 1230-1500 will be spent prioritizing the budget.

Prepared by
Tammy Mackey