

## MEMORANDUM FOR THE RECORD

Subject: FINAL Minutes for the 14 June 2007 FPOM meeting.

1. The meeting was held in the Westrick Room, The Dalles Dam, USACE. In attendance:

Last	First	Agency	Office	Email
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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 J. Bailey.
- 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. Shad Fishery/ adult fallback numbers, handed out by B. Cordie.
- f. University of Idaho's 07 TD Shad Fishery Eval 13 June 07, passed around by B. Cordie.
- g. Bradford Island PCB Removal fact sheet and ppt slides, handed out by M. Dasso.
- h. TDA Avian wire grid plan for 2007/08, handed out by B. Cordie.
- i. 2007 Adult Spring Chinook Counts for LoMo, LGS, LGR, handed out by D. Hurson.
- j. RCC flow report, handed out by B. Klatte.

3. Action Items.

- 3.1 NOAA want an OPE test to prove the LED lights in DSM2 are acceptable. Need foot candles and spectrum tests. **ACTION:** T. Mackey to talk to D. Schwartz about including the LEDs in the 2008 OPE study. **STATUS:** D. Schwartz indicated the LED testing will occur when the orifice team looks at options for new orifice tubes, lights, etc.
- 3.2 JDA Unit 7 STS inspection. **ACTION:** B. Cordie will work with B. Klatte to get the necessary outage. **STATUS:** U7 inspection completed on 16 June. B-slot STS was replaced with a spare due to a small metal piece found in the mesh. MU7 STSs are now fine and in service.
- 3.3 Bradford Island PCB clean up dive and fishway outage. **ACTION:** T. Mackey will continue to work with the Region regarding coordination of the fishway and attraction flow outage issues. **STATUS:** A BI clean-up meeting has been scheduled for 25 June at Bonneville Dam. At that time, we should have a better idea of the clearance needs and timing needs for the pre-cleanup and cleanup dives.

- 3.4 McNary spill gate 14. **ACTION:** NWW will need to coordinate with the region to determine which spill pattern is being used.
  - 3.5 Lower Granite Fish Mortalities. 232 juvenile morts were reported at the truck loading pit at Lower Granite on 2 May. FPOM inquired about the use of flushing water before sending fish through the system. **ACTION:** J. Bailey will check the ops manual to ensure flushing is part of the start up procedures. He will report back at the next FPOM.
  - 3.6 Bonneville PH1 turbine priorities. **ACTION:** Look at tailrace conditions with the models.
  - 3.7 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 Bonneville Spillway Survey. **FPOM approves shutting down spill ASAP to do the spillway survey.** Dennis Schwartz called in to report that due to contracting, the outage may not occur until the first part of July, though ASAP is the target date. CRITFC and NOAA Fisheries expressed concerns about early July and would prefer either mid-June, late July or early August. **UPDATE:** The District and Division is working on getting approval for an outage 23-24 June.
- 5 Construction Updates.
    - 5.1 Bonneville provided a handout.
    - 5.2 TDA/JDA provided a handout.
    - 5.3 Walla Walla provided a handout.
- 6 Fishway Status.
    - 6.1 Bonneville provided a handout.
      - 6.1.1 NOAA want an OPE test to prove the LED lights in DSM2 are acceptable. Need foot candles and spectrum tests. **ACTION:** T. Mackey to talk to D. Schwartz about including the LEDs in the 2008 OPE study.
    - 6.2 TDA/JDA provided a handout.
      - 6.2.1 TDA Shad Fishery. UI reported a modest impediment to passage of tagged chinook due to the shad fishery. The report is included with the minutes and other FPOM handouts.
      - 6.2.2 TDA Predation issues. Gulls finding way through the wires. B. Cordie showed a new and improved avian wire grid for next season. Fishers are catching plenty of pikeminnow. Fisheries would like to see bass included in removal efforts in future years.
      - 6.2.3 JDA STS inspections. U7 hasn't been inspected due to unavailability of units. Camera parts are on order, but work is on hold due to lack of funds. The Project is hoping to do the inspection 15-16 June. **FPOM responded, saying units are required to be inspected on a routine basis. Unit unavailability is an unacceptable excuse for not inspecting.** **ACTION:** B. Cordie will work with B. Klatte to get the necessary outage.
      - 6.2.4 JDA gatewells. Grebes are getting into the gatewells. The Project is using the dipbasket to retrieve the birds.
    - 6.3 Walla Walla provided a handout.
      - 6.3.1 MCN spill pattern. Need the modified pattern to keep the TSWs in service. Teletype should be issued allowing use of modified 2006 pattern.
      - 6.3.2 LGS ESBSs. PLC wasn't properly communicating with the screens to tell them to cycle.
      - 6.3.3 LGS Facility Operations. On 23 May, the barge engine stopped running. Techs changed the fuel filter, but to no avail. Approximately 90,000 fish were released at Arlington. Turns out, the fuel gauge was broken and the tanks were out of fuel. D. Hurson will talk to the bio techs about watching the fuel gauge and monitoring the fueling. J. Bailey will be working on updating the inspection sheets and the protocols.
- 7 Research
    - 7.1 Bonneville provided a handout.
    - 7.2 TDA/JDA provided a handout.
    - 7.3 Walla Walla provided a handout.
- 8 Updates from Task Groups.
    - 8.1 Shad Fishery. B. Cordie provided handouts detailing the fallback results during shad fishing. The Project believes the act of dipping may be the cause of the fallback. There is little evidence of

fallback when the trapnet is in and no dipping takes place. It was suggested the trapnet may need to be moved away from the fishway before dipping out shad. There may be some noise guidance technology the tribes could deploy in future years.

- 9 FCRPS Turbine Unit 1% operations. B. Klatte said there was a teletype out. Reportable outages are still unclear. There will be reprogramming to GDACS so BPA has to manually go outside 1% AND declare a power emergency. **ACTION:** FPOM members will need to review FPP Appendix C more closely to be sure it says exactly what it needs to. This item will remain on the FPOM agenda for the next few months.
- 10 Bonneville B-Branch Outage for BI Cleanup. Mark Dasso provided handouts.
  - 10.1 Diver directed dredging would begin on 01 October. HAI Consultants will be the contractor. It will take about 4-6 weeks to complete the work. October was chosen by the Technical Advisory Group (TAG) due to the lower flows, good visibility, better water clarity, and higher water temps. The Corps suggested February, but J. Lockwood with NOAA Fisheries preferred October.
  - 10.2 The two western most sites may require closure of Bay 18 and B-Branch AWS valves FV4-3 and FV4-4. The current moves to the east (upstream) on that side of Bradford Island so work would start closest to the main dam and move east.
  - 10.3 NOAA Fisheries expressed concern about the violation from the 2004 BiOp and 2007 FPP. It was stressed that fishway outages need to be coordinated with FPOM. There are still large numbers of fish passing Bonneville in early October.
  - 10.4 A meeting with the Dive Safety Officer is needed to determine the need to take the fishway out of criteria. If B-Branch can stay open, there are no issues. **ACTION:** T. Mackey will continue to work with the Region regarding coordination of the fishway and attraction flow outage issues. Ritchie Graves was given as the person with NOAA to contact for coordination of a fishway outage.
- 11 John Day Unit 1 Operations. **Tabled until 12 July FPOM.**
- 12 Little Goose Spill Pattern and Adult Passage Problems. Dave Hurson provided handouts.
  - 12.1 The change in the spill pattern resulted in immediate passage improvements. The spill basin may need a wall between the powerhouse and the spillway to help reduce the eddy that forms from PH flow. The Bay 1 RSW will include adult studies.
- 13 River Flow Forecast- B. Klatte provided a handout
- 14 FPP comments.
  - 14.1 Bonneville
    - 14.1.1 Table BON-1 states bays 1 and 18 will be open 4". It should read 6".
    - 14.1.2 Move Table BON-5 from Section 2.0 to Section 5.0 Turbine Unit Operation and Maintenance. This is where the other Projects have their Unit priority tables as well.
    - 14.1.3 Add verbiage to Appendix G specifying that when the trap is in operation, the flumes must be open and must be manned.
  - 14.2 The Dalles
    - 14.2.1 TDA Section 2.6.1.2- want to discuss the water velocity requirements.
    - 14.2.2 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.
  - 14.3 John Day
    - 14.3.1 JDA Section 2.4.1.2.a- Need to discuss including a VBS drawdown measurement requirement.
    - 14.3.2 JDA Section 2.4.1.2.m.8- need to discuss the dewatering of the PDS for adult removal during fish passage season.
    - 14.3.3 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.
- 15 Meeting adjourned at 1130. The next meeting is scheduled for 12 July at 0900. The July meeting will be held in Room 421, from 0900 until 1300, at the BPA offices in Portland.