

MEMORANDUM FOR: FPOM MEMBERS

SUBJECT: Bonneville Lock and Dam FPOM Activities Report for the October 2007 FPOM.

1. CONSTRUCTION STATUS

- 1.1. B1 ITS Wall Removal. Plans are for wall removal, floor sloping and three automated gates.
- 1.2. PH1 STS/VBS removal and TIES removal. Six TIES will be scrapped.
- 1.3. PH2 VBS mods. Unit 14 is currently being modified and Unit 18 will be next. U17 VBS monitoring equipment will also be installed during these modifications.

2. FISHWAY SUMMARY

- 2.1. Unit operation. PH2 is the priority powerhouse.
 - 2.1.1. Unit 7 has remained out of service for turbine rehab since 04 June 2007.
 - 2.1.2. Unit 8 has remained out of service for turbine rehab since 12 September 2006.
 - 2.1.3. Unit 12 has remained out of service since 17 September for exciter replacement.
 - 2.1.4. Unit 14 has remained out of service since 13 August for rewedge.
 - 2.1.5. Unit 16 has remained out of service since 20 August for exciter replacement.
- 2.2. Spillway. The Bradford Island In-Water Removal Action (PCB clean-up) began on 01 October. One site has been completed and divers are currently working on the easternmost location. The final site will require closure of Bay 18 attraction flow and FV4-3 and FV4-4 AWS valves.
- 2.3. Adult Fishways.
 - 2.3.1. DSM1 is running south as of 15 September. STSs are installed in Units 1 and 3.
 - 2.3.2. The north UMT bulkhead was installed and the Cascades Island exit was opened on 1 October.
- 2.4. Juvenile Fishways.
 - 2.4.1. As of 7 September, the SMF is back to normal sampling protocol.
 - 2.4.2. A loss of the fish units on 03 October resulted in the SMF going to bypass from 1515 until 1544.
 - 2.4.3. SMF hydrocannons resumed operation on 04 October. This is to help deter gulls from perching on the outfalls.
- 2.5. Lamprey Fishways. Everything remains in service.

3. RESEARCH

- 3.1. CRITFC. Sampling chinook, coho, steelhead and sockeye throughout the season.
- 3.2. NOAA-Gilbreath. Salt water rearing at the Smolt Monitoring Facility.
- 3.3. PSMFC Smolt Monitoring. Monitoring continues.
- 3.4. University of Idaho- lamprey. Block study for lamprey entrance evaluations has concluded.
- 3.5. WDFW Fish Counting. Visual counting continues at Bradford Island and Washington Shore and video monitoring at Cascades Island began on 1 October.

4. MISCELLANEOUS

5. FPP

- 5.1. The reference to spillbays 1 and 18 in Table Bon 1 states that they will be open 4" instead of 6".
- 5.2. Move table BON-5 from Section 2.0 to Section 5.0 to be consistent with other NWP projects.
- 5.3. We need to add verbiage to Appendix G stating that the flumes need to remain open if the trap is in operation.

5.4. Bonneville Fisheries