

MEMORANDUM FOR: FPOM MEMBERS

SUBJECT: Bonneville Lock and Dam FPOM Activities Report for the September 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 and 23 PH1 STSs/VBSs will be scrapped.
- 1.3 PH2 VBS mods. Units 14 and 18 are scheduled for winter 07/08. U17 VBS monitoring equipment will be installed at this time as well.

2. FISHWAY SUMMARY

- 2.1 Unit operation. PH2 is the priority powerhouse.
 - 2.1.1 Unit 3 has remained out of service since 27 August for protective relaying and main unit packing.
 - 2.1.2 Unit 7 has remained out of service for turbine rehab since 04 June 2007.
 - 2.1.3 Unit 8 has remained out of service for turbine rehab since 12 September 2006.
 - 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.
 - 2.2.1 Summer spill concluded on 31 August.
- 2.3 Adult Fishways.
 - 2.3.1 As of 11 September, the AFF is back to normal sampling protocol.
 - 2.3.2 DSM1 will be run south starting 15 September through 15 December. **Unit priority needs adjustment to account for a broken orifice in 1A.**
- 2.4 Juvenile Fishways.
 - 2.4.1 The B2 Corner Collector was closed for the season on 31 August.
 - 2.4.2 As of 7 September, the SMF is back to normal sampling protocol.
- 2.5 Lamprey Fishways. Everything remains in service.

3. RESEARCH

- 3.1 Battelle spillway survival. Research concluded.
- 3.2 CRITFC. Sampling chinook, coho, steelhead and sockeye throughout the season.
- 3.3 CTUIR- lamprey. Lamprey collection from NOAA researchers has concluded.
- 3.4 CTWS- lamprey. Lamprey collection from NOAA researchers has concluded.
- 3.5 NOAA-Gilbreath. Salt water rearing at the Smolt Monitoring Facility.
- 3.6 NOAA- Ferguson. B2CC detection evaluation concluded.
- 3.7 NOAA- McComas. Tagging of juvenile yearling chinook at the Smolt Monitoring Facility has concluded.
- 3.8 NOAA Lamprey. Tagging of lamprey for LPS and UI has concluded.
- 3.9 PSMFC Smolt Monitoring. Monitoring continues.
- 3.10 University of Idaho- lamprey. Block study for lamprey entrance evaluations at WS continue.
- 3.11 University of Idaho- salmon. Sampling for S. Fork Salmon chinook has concluded.
- 3.12 University of Idaho- shad. Sampling for shad has concluded.
- 3.13 USDA Wildlife Services. Avian hazing has concluded.
- 3.14 WDFW Fish Counting. Visual counting continues Bradford Island and Washington Shore

4. MISCELLANEOUS

- 4.1 The Bradford Island In-Water Removal Action (PCB clean-up) is scheduled to begin 01 October.
 - 4.1.1 Pre-clean-up sampling is scheduled for September. Sampling will not require the shutdown of Bay 18 nor B-Branch AWS valves. Clean-up will be done by divers. The two easternmost sites will be done with Bay 18 and B-Branch AWS valves in normal operation. The westernmost site is closer to the main dam and will require Bay 18 and B-Branch AWS valves FV4-3 and FV4-4 to be closed. This is expected to take a week.

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.