

MEMORANDUM FOR: FPOM MEMBERS

SUBJECT: Bonneville Lock and Dam Fishway and Construction Activities Report for October 2004 FPOM meeting.

1 CONSTRUCTION STATUS

- 1.1 Adult PIT tag exit detectors. Current schedule is set for installation in WA ladder for Winter 04/05.
- 1.2 PH 1 Gantry Crane Delivery and Erection. Continues through 04 December.

2 FISHWAY SUMMARY

- 2.1 Unit operation.
 - 2.1.1 Unit 0 remains out of service for a 5-year overhaul.
 - 2.1.2 Unit 1 returned to service at 1702 on 09 October, after the 72 hour heat run.
 - 2.1.3 Unit 9 returned to service on 06 October.
 - 2.1.4 Unit 10 remains out of service for gantry crane three construction.
 - 2.1.5 Unit 15 3D CAM remains in manual.
 - 2.1.6 Unit 18 remains out of service for 4-year overhaul.
- 2.2 DSM1 continues to run south. STSs are installed in Units 1 and 3. **All orifices are open to provide flow.**
- 2.3 PH2 collection channel velocity meter is OOS. New one to be installed this winter.
- 2.4 B-Branch and Cascades Island fishways in manual operation.
 - 2.4.1 At low tailwater, the water elevation sensors do not read correctly.
 - 2.4.2 Cascades Island fishway computer also continues to show "lamprey mode active".
 - 2.4.3 The electrician most familiar with the system will return from Iraq in early November.

3 RESEARCH

- 3.1 CRITFC. Sampling continues twice a week until fish counts drop below 1000.
- 3.2 ERDC TDG. Sensors remain installed in the tailrace.
- 3.3 PSMFC SMF. Sampling and monitoring continues.
- 3.4 Univ. of Idaho. Sampling concluded on 01 October.
- 3.5 WDFW Fish Counting. 16-hr visual counts at Washington Shore and Bradford Island.
- 3.6 WDFW/ODFW. Tule counting started on 15 August and will continue until 15 October.

4 MISCELLANEOUS

- 4.1 A teletype issued on 24 September requests a forebay hard constraint of 75.0' – 76.5' from 0600 on 27 September until 1800 on 30 September. This is to reduce wear and tear on tribal gill net equipment. A teletype issued on 01 October extends this operation from 04 through 08 October.
- 4.2 A teletype issued on 06 October details Unit 1 operation for the 72 heat run. It also outlines PH1 unit priority until 12 October, when Unit 2 is scheduled to come out out of service.
- 4.3 A teletype issued on 08 October requests tailwater be maintained at 11.5' from 0700 until 1000 on 13 October. This is to facilitate the calibration of equipment used for a future chum study.
- 4.4 Winter maintenance schedule is available.