

MEMORANDUM FOR: FPOM MEMBERS

SUBJECT: Bonneville Lock and Dam Fishway and Construction Activities Report for November 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 10 remains out of service for gantry crane three construction.
 - 2.1.3 Unit 15 3D CAM remains in manual.
 - 2.1.4 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 As of 29 October, the SMF is in bypass.
- 2.4 PH2 collection channel velocity meter is OOS. New one to be installed this winter.
- 2.5 B-Branch and Cascades Island fishways in manual operation.
 - 2.5.1 At low tailwater, the water elevation sensors do not read correctly.
 - 2.5.2 Cascades Island fishway computer also continues to show "lamprey mode active".
 - 2.5.3 The electrician most familiar with the system will return from Iraq in early November.

3 RESEARCH

- 3.1 CRITFC. Sampling concluded on 26 October.
- 3.2 ERDC TDG. Sensors remain installed in the tailrace.
- 3.3 PSMFC SME. Sampling and monitoring concluded on 29 October.
- 3.4 WDFW Fish Counting. 16-hr visual counts at Washington Shore and Bradford Island.
- 3.5 WDFW chum. Starting 04 November.

4 MISCELLANEOUS

- 4.1 A teletype issued on 25 October requests a forebay soft constraint of 76' msl at 0600 on 26 October. This is to facilitate the removal of a pleasure craft from a sand bar at the Klickitat river.
- 4.2 A teletype issued on 29 October requests a tailwater hard constraint minimum of 10.5' msl 24 hours a day and between 10.5' to 12' msl between 0700 until 1900. These constraints go into effect starting 01 November and continuing until further notice. This operation is to maintain water levels over spawning habitat below Bonneville Dam.
- 4.3 Winter maintenance schedule is available.