

MEMORANDUM FOR: FPOM MEMBERS

SUBJECT: Bonneville Lock and Dam Fishway and Construction Activities Report for September 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 remains out of service for turbine rehab.
  - 2.1.3 Units 9 and 10 remain out of service for gantry crane three construction.
  - 2.1.4 Unit 18 remains out of service for 4-year overhaul.
- 2.2 DSM1 is scheduled to return to service, heading south, on 15 September. STSs will be installed in Units 2 and 3. **All orifices will be opened to provide flow.**
- 2.3 PH2 collection channel velocity meter is OOS. New one to be installed this winter.
- 2.4 B2 Corner Collector. The corner collector was closed at 1500 on 31 August and will remain closed until the 2005 fish passage season.
- 2.5 Adult Fishway. As per the FPP, two priority units were operated at PH1 when fish numbers met or exceeded 25,000 fish. This unit operation will continue until fish numbers drop below 25,000.
- 2.6 Adult Fish Facility. Temperatures have dropped below 70.0°F. Trapping can continue as normal.
  - 2.6.1 On 07 September, the AFF will be closed to trapping at 1000. This is to facilitate fish safety modifications to the exit ladder.

## 3 RESEARCH

- 3.1 CRITFC. Sampling continues twice a week. Temperatures remain below 70°F.
- 3.2 ERDC TDG. Sensors remain installed in the tailrace.
- 3.3 NOAA FISH lamprey. Lamprey tagging concludes this week.
- 3.4 PSMFC SMF. Sampling and monitoring continues.
- 3.5 Univ. of Idaho. Normal sampling resumes. Temperatures remain below 70°F.
- 3.6 WDFW Fish Counting. 16-hr visual counts at Washington Shore and Bradford Island.
- 3.7 WDFW/ODFW. Tule counting started on 15 August and will continue until 15 October.

## 4 MISCELLANEOUS

- 4.1 A teletype issued on 25 August requests a hard forebay constraint of 75.0- 76.5' from 0600 on 31 August until 1800 on 03 September. This restriction is to accommodate the treaty gill net fishing.
- 4.2 A teletype issued on 19 August requests a flow restriction not to exceed 150 Kcfs from 0700 until 1130 on 06 September. This is to reduce currents in the river for the cross channel swim at Hood River.
- 4.3 Winter maintenance schedule is available.