

MEMORANDUM FOR: FPOM MEMBERS

SUBJECT: Bonneville Lock and Dam Fishway and Construction Activities Report for July 8, 2004 FPOM meeting.

1 CONSTRUCTION STATUS

- 1.1 PH 2 Corner Collector Hi-Q PIT tag detector- Prototype antenna construction started on Cascades Island. PIT antenna delivered on 25 June.
- 1.2 B2 Follow-on. The airburst system is in auto.
- 1.3 SMF hydrocannons. The hydro cannons at the SMF are not operational at this time. The Project is scheduled to complete repairs on 15 July.
- 1.4 Adult PIT tag exit detectors. Current schedule is set for installation in WA ladder during Winter 04/05.
- 1.5 PH 1 Gantry Crane Delivery and Erection. Scheduled for 9 August through 4 December.

2 FISHWAY SUMMARY

- 2.1 Unit operation.
 - 2.1.1 Unit 0 was out of service from 0530 until 1508 on 18 May for gland water pipe repair.
 - 2.1.2 Unit 1 remains out of service for turbine rehab.
 - 2.1.3 Unit 3 was out of service from 0500 on 21 June until 1633 on 22 June for annual maintenance.
 - 2.1.4 Unit 4 was out of service from 0500 on 23 June until 0655 on 25 June for annual maintenance.
 - 2.1.5 Units 7-10 were out of service from 0630 until 1730 daily during 7 June through 11 June to facilitate PH 1 headgate delivery.
 - 2.1.6 Unit 8 was out of service from 1012 until 1530 on 21 June and from 0636 until 1354 on 22 June to facilitate trashrack replacement. Unit 8 returned to normal priority on 23 June.
 - 2.1.7 Units 11 through 14 were out of service from 0708 until 0953 on 25 June for B2CC PIT tag antenna delivery.
 - 2.1.8 1 % violation for Units 11 through 18 for STS inspections.
 - 1.1.1 Unit 11 went out of service from 0710 to 1050 on 29 June for transducer repair.
 - 2.1.9 Unit 14 went out of service from 1100 to 1359 on 29 June for transducer repair.
 - 2.1.10 Unit 15 went to manual 3D cam adjustment at 0933 on 05 April. New modules are on order.
 - 2.1.11 Unit 18 went out of service from 0704 to 1112 on 30 June for transducer repair.
- 2.2 B2CC was dewatered on 25 June for PIT tag antenna delivery. No fish were salvaged.
- 2.3 B Branch and Cascades Island are operating in auto.
- 2.4 The Project had released approximately 25 gallons of turbine oil into the river by the old navigation lock on 5 June.
- 2.5 DSM1 remains out of service.
- 2.6 PH2 collection channel velocity meter is OOS. No acoustic sensor!
- 2.7 Mid-season fishway inspection scheduled for 3 Aug. Project will use an ROV to inspect powerhouse collection channels.
- 2.8 On 17 June, a new spill Teletype was sent, detailing the dates for BiOp (75kcfs) and 50kcfs spill. The pre-test started on 17 June. The testing period is from 20 June through 07 August.

3 RESEARCH

- 3.1 Battelle/BAE Systems FGE testing. Data collection continues.
- 3.2 Battelle/BAE Systems Gap Loss Testing. Completed.
- 3.3 CRITFC. Sampling twice a week.
- 3.4 ERDC TDG. Sensors remain installed in the tailrace.
- 3.5 ODFW Pikeminnow Tagging. Electrofishing in Bonneville's forebay and tailrace will continue on 28 June through 2 July.

- 3.6 NMFS. 640-clipped yearling chinook were collected for NMFS researchers during the week.
- 3.7 NOAA FISH lamprey. Lamprey ladder installation complete.
- 3.8 PSMFC SMF. No salmonids slid over the separator bars this week.
- 3.9 USGS FPE testing. Releasing of radio tagged fish continues. Last fish release scheduled for 31 July.
- 3.10 University of Idaho. Sampling daily in the AFF.
- 3.11 Wildlife Services/Avian Abatement. Birds were hazed with rockets, cracker shells, and 15mm pyrotechnics. None were lethally taken.
- 3.12 WDFW Fish Counting. 16-hr visual counts at Washington Shore and Bradford Island.

4 MISCELLANEOUS

4.1