

THE DALLES/ JOHN DAY PROJECT
FISH RESEARCH REPORT
6/03/2004

All juvenile fish monitoring projects completed the spring season by 6/2 and are in recess. The summer work is expected to start around 6/20.

THE DALLES DAM

- USGS juvenile salmonid radiotelemetry crew had their last spring release on 6/1. All antennas in service working properly.
- Battelle fixed hydroacoustics crew continues monitoring at the powerhouse, spillway and sluiceway. All transducers working properly.
- USGS/Battelle 3-D acoustics in recess. One cable routing barge sunk on 5/29, repaired on 6/1. South spillway cable was repaired on 6/3. All hydrophones are working properly.
- Normandeau performed the second phase of spillway survival test (high flows only) with balloon tags.
Started on 5/26, completed on 6/03. The preliminary results are looking good: ~98 % survival, 3~4 % injury rate, slightly better than the low flow test (!)
Original spillway control release pipe was washed out on 5/15. A substitute pipe was installed on the stub wall at bay # 1 on 5/26 but was damaged at 21 K/per bay spill on 5/28. A manual placement of control fish was successfully accomplished as the last resort method for the remainder of this evaluation.
- U of I adult radiotelemetry crew is downloading their fishway antenna receivers few times a week.

JOHN DAY DAM

- NMFS biological evaluation of VBS/ESBS in MU # 7 had the last spring release on 6/1.
Some mortalities and descaling were observed in slot 7C (with experimental VBS.) VBSs were swapped between 7 C & B slots on 5/25 to verify that the gatewell turbulence was the cause. ESBSs were lifted out of MU # 7 on 6/3 to perform the brush auto control problem on 7 C.
- U of I adult radiotelemetry crew is downloading their fishway antenna receivers few times a week.
- FFU kelt evaluation completed the steelhead diversion at SMF on 6/1.