

THE DALLES/ JOHN DAY PROJECT  
**FISH RESEARCH REPORT**  
6/30/2004

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All juvenile fish monitoring projects commenced the summer season by 6/21.  
The summer work is expected to be complete by 7/18.

**THE DALLES DAM**

- USGS juvenile salmonid radiotelemetry crew had their first summer release on 6/21. Spillway antenna at piernose 6/7 was reinstalled by divers on 6/ 16. 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 had their first fish release on 6/22. South spillway cable was repaired on 6/16 during spillway outage. All hydrophones are working properly now.
- U of I adult radiotelemetry crew is downloading their fishway antenna receivers few times a week.
- The Dalles Unit 1 dewatering/sturgeon tagging. Plans underway for capturing sturgeon for research purposes from unit 1 the last week of July. Minor procedural changes may be made to encourage larger numbers of sturgeon for tagging. Efforts will be made to minimize stress and mortalities.

**JOHN DAY DAM**

- NMFS biological evaluation of VBS/ESBS in MU # 7 had their first summer release on 6/24. The brush auto control system is working properly after it was fixed during the recess. Flow control device wad deployed in gatewell 7C on 6/28 to lower gatewell turbulence. Preliminary results seem to show the test fish condition appeared to be less then desired, with some descaling present consistently.
- U of I adult radiotelemetry crew is downloading their fishway antenna receivers few times a week.
- Lamprey Grating Testing. Planning for grating replacement for John Day north count station diffuser continues to prevent lamprey loss. Grating gap size reduction will be tested in the Smolt Monitor Facility with passing adult lamprey.