

**MEMORANDUM FOR RECORD: 17 LWG 09 Emergency Debris Spill****Subject: Emergency Spill Operation**

Debris in the Lower Granite forebay continues to accumulate in front of the spillways and the powerhouse. Additional debris can be seen coming down river from Clarkston Washington. About 2500 square yards of debris was in front of the spillways June 2. June 3 from 0600-0700 hours and June 4 from 1754-1856 hours emergency debris spill operations were implemented through spillway 3. Operations deviated from the Fish Passage Plan (FPP) spill pattern with RSW closed and spillway 3 full open during the emergency spill. Spill volume remained unchanged during the debris spills.

- A. Species – N/A
- B. Origin – N/A
- C. Length – N/A
- D. Marks and tags – N/A
- E. Marks and Injuries found on carcass – NA
- F. Cause and Time of Death – N/A
- G. Future and Preventative Measures – The Project will continue to implement emergency debris spills when debris accumulates in front of the RSW as described in FPP (LWG-31 5.2. Emergency Debris Spills) to prevent obstructions to fish passage. Mechanical crew removed about 438 cubic yards (15 truckloads) of debris from the powerhouse forebay May 25 and May 30-June 1 to reduce potential for debris impacting juvenile passage through the orifices and collection facility.
- H. Photos – None taken

Elizabeth Holdren  
Supervisory Fisheries Biologist  
Lower Granite Lock and Dam  
Ph. (509) 843-2263  
Cell. 1(509) 592-6109  
Elizabeth.a.holdren@usace.army.mil

