## CENWW-ODL 06/22/2017 MEMORANDUM FOR RECORD: 17 LWG 13 Emergency Debris Spill Subject:

## **Emergency Spill Operation**

A large log became wedged between the RSW and forebay debris boom. The log blocked debris from passing through the RSW and formed a mat blocking about 1/3 of the surface flow. Logs wedged in this location are a reoccurring problem this season. June 22 from about 1300-1415 hours the Project closed the RSW and opened spillway 3 to remove the wedged log and debris in front of the RSW. Operations deviated from the Fish Passage Plan (FPP) spill pattern during this operation. 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 or logs accumulate in front of the RSW as described in FPP (LWG-31 5.2. Emergency Debris Spills) to prevent obstructions to fish passage. A boom is being designed for installation during winter outage to divert debris away from the area.
- H. Photos see photo below.





Elizabeth Holdren

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