

CENWW-ODL

06/14/2017

MEMORANDUM FOR RECORD: 17 LWG 11 Emergency Debris Spill

Subject: Emergency Spill Operation for Log Removal

Debris in the Lower Granite forebay continues to accumulate in front of the spillway and powerhouse. Large logs wedged between the RSW and debris boom resulting in mats of debris is a reoccurring problem. June 14 a mat of debris behind a wedged log covered about 1/3 of the area in front of the RSW. From 1045-1208 hours June 14 the Project closed the RSW and opened spillway 3 to remove the wedged log and debris. 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. A diversion boom is being designed for installation during winter maintenance to prevent logs from floating into the problem area.

H.

I. Photos – The red circle in the photo below shows the area where logs have been getting wedged.



Photo 1. Southeast corner of RSW and northeast corner of forebay debris boom.

Elizabeth Holdren

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