

MEMORANDUM FOR THE RECORD: 19 LWG 03 Emergency Debris Spill

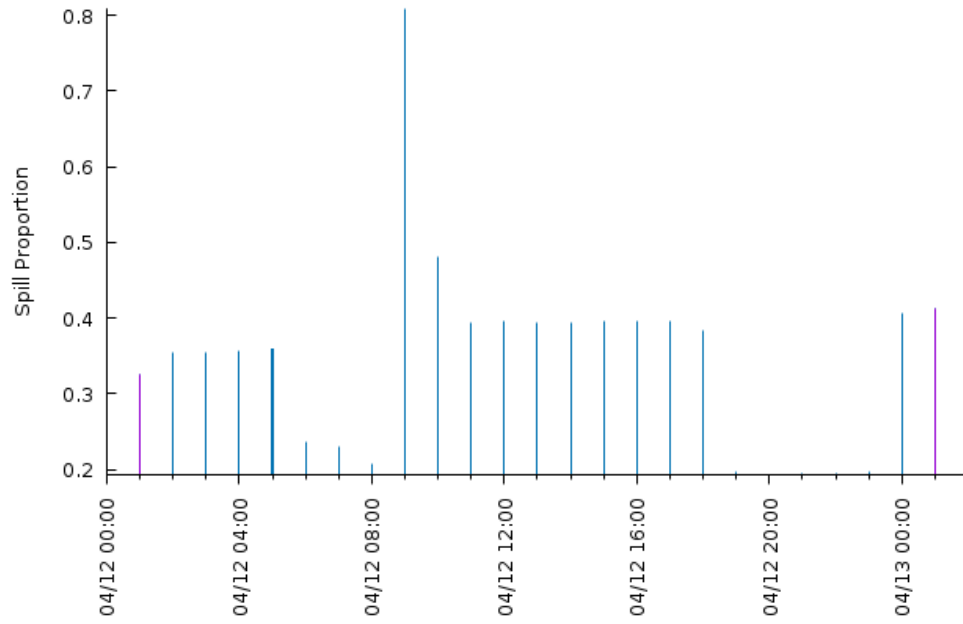
SUBJECT: Lower Granite emergency debris spill.

April 12 at about 0600 hours a large mat of debris was reported in the Lower Granite spillway section of the forebay. There was no debris in the spillway section of the forebay area observed during the fish ladder inspection at 1110 hours April 11. The mat was estimated to be about 5.22 acres. An emergency debris spill occurred between 0757-0925 hours April 12. A photo of the debris taken at about 0630 April 12 shows the forebay looking north and standing between the RSW and spillbay 2. The navigation lock guide wall in the upper left is 550 feet long. The clear area in the lower right is due to RSW operation. Photo does not capture the debris accumulation in front of the RSW or along the shear boom.

- 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 – N/A
- F. Cause and Time of Death – N/A
- G. Future and Preventative Measures – N/A

Sincerely,
Elizabeth Holdren
Supervisory Fisheries Biologist
Lower Granite Project
Ph. (509) 843-2263

2019 Hourly Spill Proportion at LWG-Lower Granite Dam/Forebay Apr 12





Comments from agencies:

-----Original Message-----

From: Hockersmith, Eric E CIV USARMY CENWW (US)
Sent: Friday, April 12, 2019 2:14 PM
To: 'Trevor Conder - NOAA Federal' <trevor.conder@noaa.gov>
Subject: RE: [Non-DoD Source] Re: 19LWG02MFR - Debris Spill
(UNCLASSIFIED)

CLASSIFICATION: UNCLASSIFIED

Trevor,

The boat barrier at Little Goose was not installed this year so we should not have similar issues to the past with a structure in the forebay continually shedding debris. The only boat barriers installed this year are at Lower Monumental and Ice Harbor. Neither project have debris accumulating on their boat barriers at this time, but staff are monitoring.

Eric Hockersmith
Fishery Biologist
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-----Original Message-----

From: Trevor Conder - NOAA Federal [mailto:trevor.conder@noaa.gov]
Sent: Friday, April 12, 2019 2:05 PM
To: Hockersmith, Eric E CIV USARMY CENWW (US)
<Eric.E.Hockersmith@usace.army.mil>
Subject: [Non-DoD Source] Re: 19LWG02MFR - Debris Spill (UNCLASSIFIED)

Eric,

Hopefully we have a good plan to open the boat barrier downstream and allow this to pass. I don't want to see excessive debris pile up on the trash racks and injure fish. As discussed at FPOM, I would support a brief spill outage (similar to what is done for nav) to open the boat barrier.

Trevor Conder
NOAA Fisheries