

MEMORANDUM FOR THE RECORD 20 LGS 05 Unit Priority**SUBJECT: Little Goose Unit Priority**Background

Little Goose Juvenile Fish Facility (JFF) staff noticed an abnormal flow in orifice 1A2 during routine checks the morning of May 5. JFF staff worked with Little Goose operations staff as well as District staff to strategize a path forward.

Little Goose forced Unit 1 out of service immediately after performance standard spill in order to utilize an underwater camera to troubleshoot orifice 1A2 (Table 1). Unit 2, the next Unit in priority, was operated during in accordance to the Fish Passage Plan (FPP, Chapter 8, Table LGS-5). JFF staff found a large piece of woody debris lodged in the orifice (Picture 1 & 2). Debris was removed from the orifice and the Unit was returned to service.

The debris in the orifice was found early enough that no mortalities were observed. Additionally, the accumulation of floating woody debris in the immediate forebay is very low and is monitored daily.

Table 1: Little Goose Unit 1 date and time out of service.

Date	Out of Service	Returned to Service
05/05/2020	11:56	14:19

Path Forward

Little Goose will continue to conduct routine inspections and utilize all necessary tools to ensure safe passage of juvenile fish through the collection and bypass system. Staff will also continue to monitor debris in the immediate forebay.

Estimated mortalities by species, and origin:

- 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

Picture 1: Underwater image of debris lodged in orifice 1A2.



VIZIO

channel AV
4 L1 Rear on DVD player

Picture 2: Debris removed from orifice 1A1.



Sincerely,
Scott St. John
Project Fisheries Biologist
Little Goose Dam
(509) 399-2233 ext. 263
Scott.St.John@usace.army.mil