

MEMORANDUM FOR THE RECORD 20 LGS 07 Unit Priority to Clear Debris**SUBJECT: Little Goose Unit Priority to Clear Debris**Background

Little Goose Juvenile Fish Facility (JFF) staff noticed a long stick protruding out of orifice 1A2 during routine checks at approximately 13:30 on May 26. JFF staff worked to clear debris without success and requested to shut down Unit 1 to decrease turbulent conditions in the gatewell. Debris was removed by 16:45 on May 26 and the Unit was returned to service.

Little Goose also forced Unit 1 out of service on May 27, immediately after performance standard spill, in order to utilize an underwater camera to ensure orifice 1A2 was clear of debris (Table 1). Unit 2, the next Unit in priority, was operated during debris removal, in accordance to the Fish Passage Plan (FPP, Chapter 8, Table LGS-5).

JFF staff removed a long piece of woody debris that was caught in the orifice (Picture 1) utilized grappling hooks and a saw. 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 |
|------------|----------------|---------------------|
| 05/26/2020 | 15:06 | 16:50 |
| 05/27/2020 | 11:56 | 13:27 |

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: Debris removed from orifice 1A1.



Sincerely,
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