

**MEMORANDUM FOR THE RECORD****SUBJECT: 20BON30 CRITFC AFF Holding Tank Pacific Lamprey mortalities**

On Wednesday morning 7/1/2020, CRITFC staff found three Pacific Lamprey mortalities in one AFF holding tank. The fish were collected in traps at Bonneville Dam on 6/30 for the CRITFC-Tribal translocation program and were scheduled for delivery on 7/1. The cause of death was not apparent, two fish showed no external abnormalities, one fish had several lesions and potential predation scars. Photos of the fresh mortalities were taken at the time of removal from the tanks and are attached.

Following removal of all lamprey from the AFF holding tanks, the tanks were drained and flushed/cleaned. Moderate sediment accumulation, which may have slowed water exchange in the tanks, was flushed from tank drains during this process. Water temperature is recorded daily and was 19C on the day fish were put into and removed from the tanks. Bonneville Project biologist Andrew Derugin is coordinating with CRITFC staff to participate in trap checking activities on 7/2 and may provide fish handling guidance as needed and appropriate.

- A. Species –
- B. Origin –
- C. Length –
- D. Marks and tags –
- E. Marks and Injuries found on carcass –
- F. Cause and Time of Death –
- G. Future and Preventative Measures –



Sincerely,  
Greg Silver  
CRITFC and  
Project Fisheries