

**MEMORANDUM FOR THE RECORD**

**SUBJECT: 17BON29 MFR - Pacific Lamprey mortalities in holding tanks in Bonneville's Adult Fish Facility (AFF).**

On Wednesday morning (6/28), the CRITFC crew found 6 (six) dead adult lamprey in the AFF holding tank. These fish were collected the previous day from lamprey traps behind the picketed leads at Bradford Island. Two of the mortalities were observed upon arrival on 6/28 (0800). The other four were alive upon arrival but were deemed dead at 0900 during transfer to tribal collectors. All fish were frozen for analysis.

- A. Species – Pacific Lamprey (*Entosphenus tridentatus*).
- B. Origin – Wild.
- C. Length – Range ~ 56-59 cm.
- D. Marks and tags – None.
- E. Marks and Injuries found on carcass – White patches surrounding gill slits. No obvious signs of trauma.
- F. Cause and Time of Death – Cause unknown. Between 1000 on 6/27 and 0900 on 6/28.
- G. Future and Preventative Measures – Increased care in handling and transferring fish from Bradford Island traps to AFF holding. Continued monitoring of AFF holding tank environment.

Figure 1.



Sincerely,  
Columbia River Inter-Tribal Fish Commission