

MEMORANDUM FOR THE RECORD

SUBJECT: 21BON022 MFR Adult Fish Facility Pacific Lamprey Mortalities

In the afternoon of 30 June, CRITFC biologists notified Bonneville Fisheries of two lamprey mortalities found on the valve 15 trash rack of the Adult Fish Facility (AFF). The fish were scanned for PIT tags, inspected, and returned to the river.

Mortality 1

- A. Species – Pacific Lamprey (*Entosphenus tridentatus*)
- B. Origin – Unknown
- C. Length – Approximately 64.3 cm
- D. Marks and tags – None
- E. Marks and Injuries found on carcass – Unknown lesion near gill slit
- F. Cause and Time of Death – Unknown.
- G. Future and Preventative Measures – None.

Mortality 1:



Mortality 2:

- A. Species – Pacific Lamprey (*Entosphenus tridentatus*)
- B. Origin – Unknown
- C. Length – Approximately 67.9 cm
- D. Marks and tags – None
- E. Marks and Injuries found on carcass – Scar near 1st dorsal fin, slight hemorrhaging surrounding tail and caudal fin, and lower portion of mouth is swollen (see photos).
- F. Cause and Time of Death – Unknown.
- G. Future and Preventative Measures – None.

Mortality 2:



Sincerely,
Bonneville Project Fisheries