

MEMORANDUM FOR THE RECORD**SUBJECT: 22BON056 MFR AFF Walkway Lamprey Mortality**

On the afternoon of 20 July, CRITFC lamprey translocation crew discovered one adult Pacific Lamprey mortality on the walkway near the Adult Fish Facility (AFF) lamprey trap. The CRITFC crew collected 60 adult lampreys from the AFF trap, all of which were accounted for when placing them into the Bonneville Hatchery holding tanks. The cause of this mortality is unknown. The lamprey could potentially be the result of a predator; however, no injuries were observed to support this. One other potential cause could have been that the lamprey jumped out of the flume portion of the AFF trap and landed on the walkway. Bonneville Fisheries will continue to monitor the area to identify any potential problems if we see any more mortalities at this location in the future. The fish was inspected, scanned, and stored in the freezer.

- A. Species – Pacific Lamprey (*Entosphenus tridentatus*)
- B. Origin – NA
- C. Length – approximately 63 cm
- D. Marks and tags – None
- E. Marks and Injuries found on carcass – None
- F. Cause and Time of Death – Desiccation, time: some time before the afternoon of 20 July
- G. Future and Preventative Measures – BON Fisheries will monitor the area to identify any potential problems if any more mortalities occur near this location.



Location photo on next page:



Sincerely,
Bonneville Project Fisheries