

**MEMORANDUM FOR THE RECORD**

**SUBJECT: 21BON034 MFR BI-AWS LPS Pacific Lamprey Mortalities**

At 1440 on 05 July, Bonneville Fisheries discovered two adult Pacific Lamprey mortalities in Rest Box 1 of the Bradford Island Auxiliary Water Supply Lamprey Passage Structure (BI-AWS LPS). The fish were scanned for PIT tags, inspected, and returned to the river.

- A. Species – Pacific Lamprey (*Entosphenus tridentatus*)
- B. Origin – Unknown for both
- C. Length – Approximately 64.1 cm and 61.6 cm
- D. Marks and tags – None for both
- E. Marks and Injuries found on carcass – Mortality One: None. Mortality Two: swollen mouth
- F. Cause and Time of Death – Unknown for both
- G. Future and Preventative Measures – None for both

**Mortality One:**



**Mortality Two:**



Sincerely,  
Bonneville Project Fisheries