

MEMORANDUM FOR THE RECORD

SUBJECT: 13BON17 Lamprey mortalities at Bonneville's Washington Shore Adult Fish Facility (AFF) and north monolith Lamprey Passage Structure (LPS).

On 17 June University of Idaho researchers contacted Project Fisheries to report two dead Pacific lamprey. The first lamprey was found at 0730 in rest box #2 of the LPS structure on the north monolith of Washington shore. The second (pictured) was found at 1030 on the valve 15 trash rack in the AFF. Neither fish was PIT tagged. Information for the two lamprey is provided below:

- A. Species – Pacific lamprey (*Entosphenus tridentatus*)
- B. Origin – Unknown.
- C. Length – 59 cm (LPS) and 68 cm (AFF).
- D. Marks and tags – None.
- E. Marks and Injuries found on carcass – No notable marks or injuries.
- F. Cause and Time of Death – Unknown.
- G. Future and Preventative Measures – Modification to the AFF bypass flume is planned for tomorrow (6/18/13); impacts on lamprey unknown. Modifications to the LPS will immediately follow.



Sincerely,

Bonneville Project Fisheries