

**MEMORANDUM FOR THE RECORD**

**SUBJECT: 15BON16 MFR** – Pacific Lamprey and Sockeye Salmon mortality at Bonneville’s WA shore ladder.

On 15 June 2015, Bonneville rangers contacted Project Fisheries to report a Pacific Lamprey mortality. The fish reported was found to be alive and well, but one dead lamprey and one dead sockeye were found pinned against the upstream side of the WA shore AWS picket leads. Both fish were in a degraded condition. Project Fisheries is assessing how the sockeye passed through the picket leads, how many more are in the AWS area, and an action to safely remove them from the area.

Information collected is provided below:

- A. Species – Pacific Lamprey (*Entosphenus tridentatus*) and Sockeye Salmon (*Oncorhynchus nerka*)
- B. Origin – Unknown.
- C. Length – 61 cm (PL), 53 cm (SOC)
- D. Marks and tags – No marks or tags.
- E. Marks and Injuries found on carcass – No visible marks or injuries.
- F. Cause and Time of Death – Unknown.
- G. Future and Preventative Measures – Project Fisheries will investigate and attempt remedial action to prevent sockeye from accessing the AWS.



Sincerely,  
Bonneville Fisheries