

**CENWP-OD-B**

**22 June 2016**

**MEMORANDUM FOR THE RECORD**

**SUBJECT: 16BON42 MFR** – Sockeye mortality at Bonneville’s WA shore Auxiliary Water System (AWS).

On 22 June 2016, Project Fisheries found 1 Sockeye mortality on the picket leads in the WA shore AWS. The Sockeye was on the upstream side of the pickets, and upon inspection Project Biologists noted a few Sockeye Salmon swimming in the AWS above the count station picket leads. It’s unknown how the fish entered the area; above-water the pickets show no gaps and they have not been moved since originally seated. The picket leads have a metal bar across the bottom and thus splaying of the pickets at the bottom is unlikely. They are currently seated 1.5 inches above the ladder floor for lamprey to enter the AWS LPS.

The fish was not scanned for tags and was returned to the river. Information collected is provided below:

- A. Species – Sockeye (*Oncorhynchus nerka*)
- B. Origin – Unknown
- C. Length – ~55 cm
- D. Marks and Tags – Unknown
- E. Marks and injuries found on carcass – Multiple patches of bacterial growth, large wound on right side.
- F. Cause and Time of Death – Unknown
- G. Future and Preventative Measures – In progress



Sincerely,  
Bonneville Fisheries