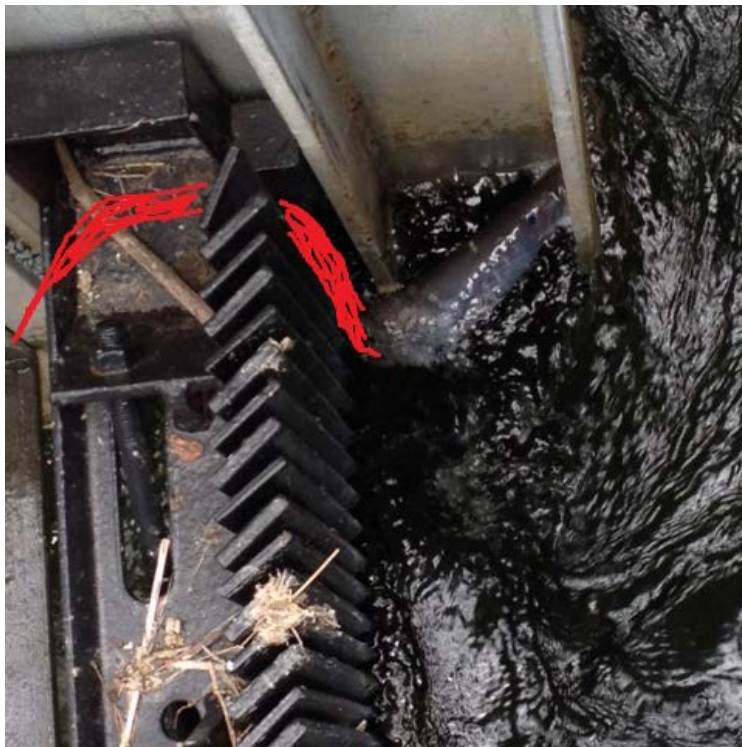


**MEMORANDUM FOR THE RECORD**

**SUBJECT: 15BON17 MFR** – Pacific Lamprey mortalities at Cascade Island ladder.

On 19 June 2015, Project Fisheries removed two dead lamprey from the Cascade Island Count station area upstream of the modified downstream picket leads. Both fish were in advanced state of decomposition. Despite modifications to the picket leads during the 2014-15 dewatered period, lamprey are still making their way through the picket leads and accessing the area upstream from the picket leads. (See picture and illustration, below.)



Information collected is provided below:

- A. Species- Pacific Lamprey (*Entosphenus tridentatus*).
- B. Origin – Unknown
- C. Length – 56 cm, 64 cm.
- D. Marks and tags – No marks or tags.
- E. Marks and Injuries found on carcass – None.
- F. Cause and Time of Death – Unknown.
- G. Future and Preventative Measures – Pickets will be further modified during the next dewatered period. In the meantime, trap and haul operations will commence in the AWS channel upstream of the pickets.



Sincerely,  
Bonneville Fisheries