

MEMORANDUM FOR THE RECORD

Subject: 18BON33 - Pacific Lamprey mortality in the Washington Shore AWS LPS

Description: Routine inspection of the Washington Shore LPS began at approximately 1000. The mortality was cleared at 1005 from Rest Box 1 of the WA Shore AWS LPS. The fish was scanned for PIT Tags, measured, and photographed. Due to the state of decomposition, the fish was returned to the river after these steps had been taken.

WA AWS Mortality:

- A. Species:** Pacific Lamprey (*Entosphenus tridentatus*)
- B. Origin:** Appeared to be wild
- C. Measurements:**
 - a. Total length:** 73.5cm
 - b. Interdorsal Length:** 5.7cm
- D. Marks and Tags:** None
- E. Marks and injuries on carcass:** None
- F. Cause and Time of Death:** Unknown
- G. Future Preventative Measures:** A certain proportion of adult lamprey die due to the rigors of migration and collect in LPSs such as rest boxes. We will continue regular inspection of LPSs, report on mortalities, and remove them so their alarm cue does not prevent other lamprey from using the LPS.



Figure 1: Adult lamprey mortality from WA AWS Rest Box 1 on 02 July 2018

Sincerely,
BON Project Fisheries