

MEMORANDUM FOR THE RECORD**SUBJECT: 18BON37 - Pacific Lamprey mortalities in the Washington Shore AWS LPS****Description:**

At approximately 1047 on 09 July 2018, two biologists from the Fisheries Field Unit cleared a single adult lamprey mortality from Rest Box 1 of the Washington Shore AWS LPS. The fish was found during routine inspections of the LPS and was scanned for PIT tags, measured and photographed. Due to the state of decomposition, the mortality was returned to the river after these steps had been taken.

- A. Species** – Pacific Lamprey (*Entosphenus tridentatus*)
- B. Origin** – Appeared to be wild
- C. Measurements:**
 - a. Total length:** 69.7 cm
 - b. Interdorsal Length:** 5.2 cm
- D. Marks and tags** – None
- E. Marks and Injuries found on carcass** – None
- F. Cause and Time of Death** – Unknown
- G. Future and 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. Pacific Lamprey mortality removed from Washington Shore AWS LPS RB1

Sincerely,
Project Fisheries