

MEMORANDUM FOR THE RECORD 18BON23

Subject: Pacific Lamprey mortality in the Washington Shore AWS LPS (1)

Description:

At approximately 0850 on 27 June 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.

The fish 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:** 63cm
 - b. Interdorsal Length:** 4.25cm
- 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 there alarm cue does not prevent other lamprey from using the LPS.



Figure 1: Pacific Lamprey mortality which was removed from the WA Shore AWS LPS

Sincerely,
Project Fisheries