

MEMORANDUM FOR THE RECORD**SUBJECT: 18BON38 - Pacific Lamprey mortalities in the Washington Shore UMTJ (2).****Description:**

At approximately 1047 on 09 July 2018, two biologists from the Fisheries Field Unit cleared two adult lampreys from Rest Boxes 1 and 2 of the Washington Shore UMTJ. The fish were found during routine inspections of the LPS and were scanned for PIT tags, measured and photographed. Due to the state of decomposition, both the mortalities were returned to the river after these steps had been taken.

1. Washington Shore UMT-J LPS (RB1)**A. Species:** Pacific Lamprey (*Entosphenus tridentatus*)**B. Origin:** Appeared to be wild**C. Measurements:****a. Total length:** 67.0**b. Interdorsal Length:** too decayed to measure**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.**2. Washington Shore UMT-J LPS (RB2)****A. Species:** Pacific Lamprey (*Entosphenus tridentatus*)**B. Origin:** Appeared to be wild**C. Measurements:****a. Total length:** 63.8 cm**b. Interdorsal Length:** approximately 9 cm**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 2. Pacific Lamprey mortalities removed from Washington Shore UMT-J LPS RB1 and RB2.

Sincerely,
Project Fisheries