

MEMORANDUM FOR THE RECORD

SUBJECT: 18BON36 - Pacific Lamprey mortality in the Bradford Island LPS.

Description:

At approximately 0945 on 13 July 2018, two biologists from the Fisheries Field Unit cleared a single adult lamprey mortality from Rest Box 1 of the Bradford Island 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:** 58.0 cm
 - b. Interdorsal Length:** 2.7 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. 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 Bradford Island LPS RB1

Sincerely,
Project Fisheries