

MEMORANDUM FOR THE RECORD

SUBJECT: 17BON24 MFR - Pacific Lamprey mortality, BI LPS grating.

On the morning of 26 June, Fish Field Unit biologists found an adult Pacific Lamprey on the grating under the Bradford Island LPS east entrance ramp. The mortality was scanned for PIT tags (none found), photographed, measured, and saved for the USFWS Lower Columbia Fish Health Center.

- A. Species – Pacific Lamprey (*Entosphenus tridentatus*).
- B. Origin – Unknown.
- C. Length – TL 65.5 cm, inter-dorsal distance 3.9 cm.
- D. Marks and tags – None.
- E. Marks and Injuries found on carcass – None.
- F. Cause and Time of Death – Likely jumped from fishway between 24 and 26 June.
- G. Future and Preventative Measures – We will investigate to see if more netting can be added to prevent fish from jumping from the LPS and landing on the grating. Both the east and west ramps were more than half covered with lamprey attempting to ascend.



Figure 1. Left - Dried lamprey mortality removed from the grating below the Bradford Island LPS's east entrance. Right – Bradford Island's east entrance ramp with several lamprey attempting to ascend.



Figure 2. Location fish was originally found in, under the east BI LPS entrance.

Sincerely,
Project Fisheries