

MEMORANDUM FOR THE RECORD

SUBJECT: 17JDA14 MFR – Adult lamprey mortalities found at SFL Count Station picket leads.

PROBLEM:

On July 21, 2017 JD Fisheries assisted by a Pacific States' biologist raked/removed approximately 22 adult lamprey mortalities from downstream picketed leads, at the corner next to the access' walkway. The fish were in various stages of decomposition, from soft, putrid mush to relatively fresh dead condition indicating a gradual accumulation over the period of a month or longer. A follow up inspection of this area a week later didn't locate any additional mortalities. This is the first time ever that such high number of lamprey mortalities has been found in the pool between the picketed leads at JD South counting station.

A possible cause of death could be a bacterial/ infectious disease, which has been suggested by the Umatilla lamprey collectors (they have experiencing significant lamprey mortalities at their holding/ripening facility caused by a bacterial disease, this year.)

Information collected is provided below:

- A. Species – 22 Adult Pacific lamprey (*Entosphenus tridentatus*)
- B. Origin – unknown
- C. Length – adult sizes
- D. Marks and tags – N/A
- E. Marks and Injuries found on carcass – N/A
- F. Cause and Time of Death – cause unknown, time of death of a few days to approximately a month.
- G. Future and Preventative Measures – not known



Sincerely,
JD Fisheries

-----Original Message-----

From: Swank, David [mailto:david_swank@fws.gov]

Sent: Friday, July 28, 2017 11:58 AM

To: Kovalchuk, Erin H CIV USARMY CENWP (US) <Erin.H.Kovalchuk@usace.army.mil>; Zyndol, Miroslaw A CIV CENWP CENWD (US) <Miroslaw.A.Zyndol@usace.army.mil>

Subject: [Non-DoD Source] Re: FPOM: Official Coordination 17JDA14 MFR PL mortalities at SFL CS

Hi Erin,

In the future, it would be good if they could save and freeze a few of the freshly dead ones for a pathology examination. If there is a disease causing all these lamprey deaths, we should try to determine what it is.

Dave