

MEMORANDUM FOR THE RECORD

SUBJECT: 18BON61 MFR – Adult Fish Facility Chinook and Pacific Lamprey Mortality.

On 17 September, CRITFC researchers informed Project Biologists of a Chinook mortality on the valve 15 trash rack.

- A. Species – Chinook (*Oncorhynchus tshawytscha*).
- B. Origin – Wild/unclipped.
- C. Length – 77 cm.
- D. Marks and tags – 3DD.0077C14F6E. Tagged in the AFF on 13 Sept.
- E. Marks and Injuries found on carcass – Large open wound on left side above pectoral fin.
- F. Cause and Time of Death – Unknown.
- G. Future and Preventative Measures – None.

On the morning of 17 September, project biologists found the posterior half of 1 Pacific Lamprey mortality on the valve 15 trash rack. It was checked for tags and marks, and returned to the river.

- A. Species – Pacific Lamprey (*Entosphenus tridentatus*).
- B. Origin – Unknown.
- C. Length – Hard to say.
- D. Marks and tags – None.
- E. Marks and Injuries found on carcass – ~Half of the fish seems to have been eaten.
- F. Cause and Time of Death – Unknown.
- G. Future and Preventative Measures – None.



Sincerely,
Project Fisheries

On Thu, Sep 20, 2018 at 11:49 AM Bissell, Brian M CIV USARMY CENWP (US)
<Brian.M.Bissell@usace.army.mil <mailto:Brian.M.Bissell@usace.army.mil> > wrote:

It has recently been brought to our attention that a River Otter has been wreaking havoc in the WA Shore fishway. The Park Rangers and I are going to set mammal traps up this afternoon in hopes of catching the critter. This may be where the other half of that lamprey went..... Seems more plausible that an otter ate it than a sturgeon due to the rare and small numbers of sturgeon we see that high up in the ladder.

-Brian

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

From: Ralph Lampman [mailto:lamr@yakamafish-nsn.gov <mailto:lamr@yakamafish-nsn.gov>]
Sent: Thursday, September 20, 2018 11:39 AM
To: Bissell, Brian M CIV USARMY CENWP (US) <Brian.M.Bissell@usace.army.mil
<mailto:Brian.M.Bissell@usace.army.mil> >
Cc: Kovalchuk, Erin H CIV USARMY CENWP (US) <Erin.H.Kovalchuk@usace.army.mil
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nsn.gov> >
Subject: Re: [Non-DoD Source] Re: FPOM: Official Coordination 18BON61 MFR AFF V15 Chinook
and PL Morts

Yes, indeed :-)
Thanks for the info!

Ralph Lampman
COLUMBIA RIVER| Honor. Protect. Restore

Yakama Nation FRMP, Pacific Lamprey Project

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On Thu, Sep 20, 2018 at 11:06 AM Bissell, Brian M CIV USARMY CENWP (US) <Brian.M.Bissell@usace.army.mil <mailto:Brian.M.Bissell@usace.army.mil> <mailto:Brian.M.Bissell@usace.army.mil <mailto:Brian.M.Bissell@usace.army.mil> > > wrote:

Ralph,

While uncommon we do encounter a number of smaller sturgeon in the fishways up as far as the serpentine section. It's conceivable that sturgeon would be present near or outside the AFF entrance / exit. I've never seen one in the AFF ladder itself though (not that they can't come and go). Just the other day I saw on the Corps facebook page an image of a sturgeon in the WA Shore fish viewing windows so this may have been the reason for a half-eaten lamprey. Not a whole lot we can do about it though. Interesting enough we also had a River Otter continuously swimming up and down pass the count station window this week. A number of years ago I received a call from the fish counters informing me that a river otter was plucking attached lamprey off the windows and eating them. Nature continues even inside the fish ladders I guess...

-Brian

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

From: Ralph Lampman [mailto:lamr@yakamafish-nsn.gov]

Sent: Thursday, September 20, 2018 8:48 AM

To: Kovalchuk, Erin H CIV USARMY CENWP (US) <Erin.H.Kovalchuk@usace.army.mil>; Bissell, Brian M CIV USARMY CENWP (US) <Brian.M.Bissell@usace.army.mil>; Zorich, Nathan A CIV USARMY CENWP (US) <Nathan.A.Zorich@usace.army.mil>; Walker, Ricardo W CIV USARMY USACE (US) <Ricardo.W.Walker@usace.army.mil>

Cc: Brian McIlraith <mcib@critfc.org>; Aaron Jackson <AaronJackson@ctuir.org>; Statler, Dave <daves@nezperce.org>; Bob Rose <rosb@yakamafish-nsn.gov>

Subject: [Non-DoD Source] Re: FPOM: Official Coordination 18BON61 MFR AFF V15 Chinook and PL Morts

Is sturgeon the likely culprit for what might have eaten half of the lamprey within the ladder?
Just curious

Ralph Lampman
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