

MEMORANDUM FOR THE RECORD**SUBJECT: 19JDA03 MFR MISSING FISHLADDER WATER TEMPERATURES**

PROBLEM: JDA fishladder water temperatures were lost from June 28th – September 6th 2018. After collecting data from temperature probes on June 28th, the battery had to be changed on the readout shuttle. The directions printed on the shuttle were followed to replace the battery. Unfortunately, the final step “Relaunch Shuttle” was overlooked.

Due to low man power during the juvenile passage season, it was approximately 1 month before the temperatures were collected again. When the shuttle was readout, there was no data. Still unaware the shuttle had to be relaunched, fisheries personnel contacted Onset (equipment manufacturers) in order to resolve the issue. Meanwhile a month later, the probes were readout again. Again, there was no data. This time, personnel noticed the final step printed on the shuttle.

The shuttle was relaunched, personnel did a test readout to verify the issue was resolved, and temperature collection went on as normal. After numerous attempts to recover data with Onset, it was eventually determined the data was lost.

- A. Species – No known mortalities or any impact to fish occurred.
- B. Origin – NA
- C. Length – NA
- D. Marks and tags – NA
- E. Marks and Injuries found on carcass – NA
- F. Cause and Time of Death – NA
- G. Future and Preventative Measures – Ensure all instructions are read carefully, and do not try to collect data until you know the shuttle is working properly. Had personnel been aware data would be lost, a spare probe could have been used to verify the equipment was working properly. Always relaunch the shuttle when replacing batteries.

Sincerely,
Project Fisheries

Comments:

NOAA

From: Trevor Conder - NOAA Federal [mailto:trevor.conder@noaa.gov]

Sent: Wednesday, February 27, 2019 9:37 AM

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

Subject: [Non-DoD Source] Re: FPOM: Official Coordination 19JDA03 MFR Missing Fish Ladder Temperatures

Erin,

Thanks to you and Miro for providing this MFR. My concern is in regards to how we keep something like this from happening in the future, not only at JDA but at the other projects as well. The FPP states that all projects will submit temperature data weekly, however, I think the problem lies with projects that are automatically uploading the data. There needs to be some type of protocol where someone from the Corps verifies that the data was correctly logged and uploaded on a weekly basis. Not sure if this should fall in the hands of the project Bio or not, but the weekly uploads should be verified by someone in the Corps and reported to the region. That way if something goes wrong, we may be missing a week at the most, not entire seasons.

-Trevor

Response:

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

From: Kovalchuk, Erin H CIV USARMY CENWP (US)

Sent: Wednesday, February 27, 2019 11:20 AM

To: 'Trevor Conder - NOAA Federal' <trevor.conder@noaa.gov>; Zyndol, Mirosław A CIV USARMY CENWP (USA) <Mirosław.A.Zyndol@usace.army.mil>; Mackey, Tammy M CIV USARMY CENWP (US) <Tammy.M.Mackey@usace.army.mil>

Subject: RE: [Non-DoD Source] Re: FPOM: Official Coordination 19JDA03 MFR Missing Fish Ladder Temperatures

Hi Trevor

Thank you for your feedback. Yes, in the future, I will provide more quality control on the temperature monitoring. I have also asked that JDA report their hobo temperature monitoring in their weekly status report consistent with the other two sites. Miro and I discussed more communication with his staff so that we can be aware of issues that arise during the season.

Erin

CRITFC

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

From: Tom Lorz [mailto:lorz@critfc.org]

Sent: Wednesday, February 27, 2019 2:18 PM

To: Kovalchuk, Erin H CIV USARMY CENWP (US) <Erin.H.Kovalchuk@usace.army.mil>

Subject: [Non-DoD Source] RE: FPOM: Official Coordination 19JDA03 MFR Missing Fish Ladder Temperatures

Thanks for sending this. I think that a little more than "reading the entire directions" needs to be added to the future measures. 2 weeks missing is one thing 2 months is quite another. I support adding this to the weekly reports to at least insure the data is being collected. It is unfortunate this happened since we can not compare this data to that that was collected in the forebay last year. Hopefully this will insure these kinda of errors do not happen in the future.

Thanks

Tom Lorz
CRITFC