

**OFFICIAL COORDINATION REQUEST FOR
NON-ROUTINE OPERATIONS AND MAINTENANCE**

COORDINATION TITLE- 17TDA04 TD East Crowder Lamprey Modification

COORDINATION DATE- Jan 17, 2017

PROJECT- The Dalles Dam

RESPONSE DATE- February 1, 2017

Note: This MOC is similar to 16BON122. The facilities are functionally identical to each other with a common lamprey issue.

Description of the problem- The crowder at The Dalles Dam East Fishway count station has a gap of approximately 1.5” underneath it. The crowder is operated by fisheries employees on an as-needed basis during passage season for fish counter fish visibility by crowding fish closer to the window during more turbid conditions. Lamprey have regularly been observed accessing under the crowder. Lamprey mortalities have been observed on the downstream grating of this mechanism as well as under the downstream corner of the crowder. The exact cause of death is unknown, but assumptions are that they become pinched in some of the operating mechanism. To address this, attempts will be made to exclude lamprey from this area by installing a plastic brush strip to the bottom edges of the crowder.

Type of outage required- None. The East Ladder is already dewatered as part of regular winter maintenance.

Impact on facility operation- None. The operation of the crowder should not be affected by this modification. The hydrology of the area will also not be affected.

Dates of impacts/repairs- Feb 2017.

Length of time for repairs- 3 days.



Expected impacts on fish passage- The modifications should have no anticipated impact on salmonids. It should keep all lamprey passage in the count slot preventing mortalities and increasing count accuracy.

Comments from agencies-

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

From: Gary Fredricks - NOAA Federal [mailto:gary.fredricks@noaa.gov]
Sent: Wednesday, February 01, 2017 10:02 AM
To: Kovalchuk, Erin H CIV USARMY CENWP (US) <Erin.H.Kovalchuk@usace.army.mil>
Cc: Cordie, Robert P CIV CENWP CENWD (US) <Robert.P.Cordie@usace.army.mil>; Lorz, Tom <lorz@critfc.org>
Subject: [EXTERNAL] Re: FPOM: Official Coordination 17TDA04 MOC East Ladder Crowder Lamprey Modification

Erin, No issues with this one. A photo or two of the mod would be good once it is done. Thanks, Gary

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

From: Tom Lorz [mailto:lorz@critfc.org]
Sent: Wednesday, January 18, 2017 2:54 PM
To: Kovalchuk, Erin H CIV USARMY CENWP (US) <Erin.H.Kovalchuk@usace.army.mil>
Cc: Brian McIlraith <MCIB@critfc.org>
Subject: [EXTERNAL] Re: FPOM: Official Coordination 17TDA04 MOC East Ladder Crowder Lamprey Modification

thanks for the heads up looks good I do not have any issues will talk with my lamprey guy.

Final results- FPOM concurred with this action via email. The modification was completed.

Thank you,

Bob Cordie
Chief of Fisheries
The Dalles Dam
Robert.P.Cordie@usace.army.mil

Erin Kovalchuk
Columbia River Coordinator
Portland District
Erin.H.Kovalchuk@usace.army.mil