

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

COORDINATION TITLE- 18TDA06 East Fish ladder Oil Boom Installation

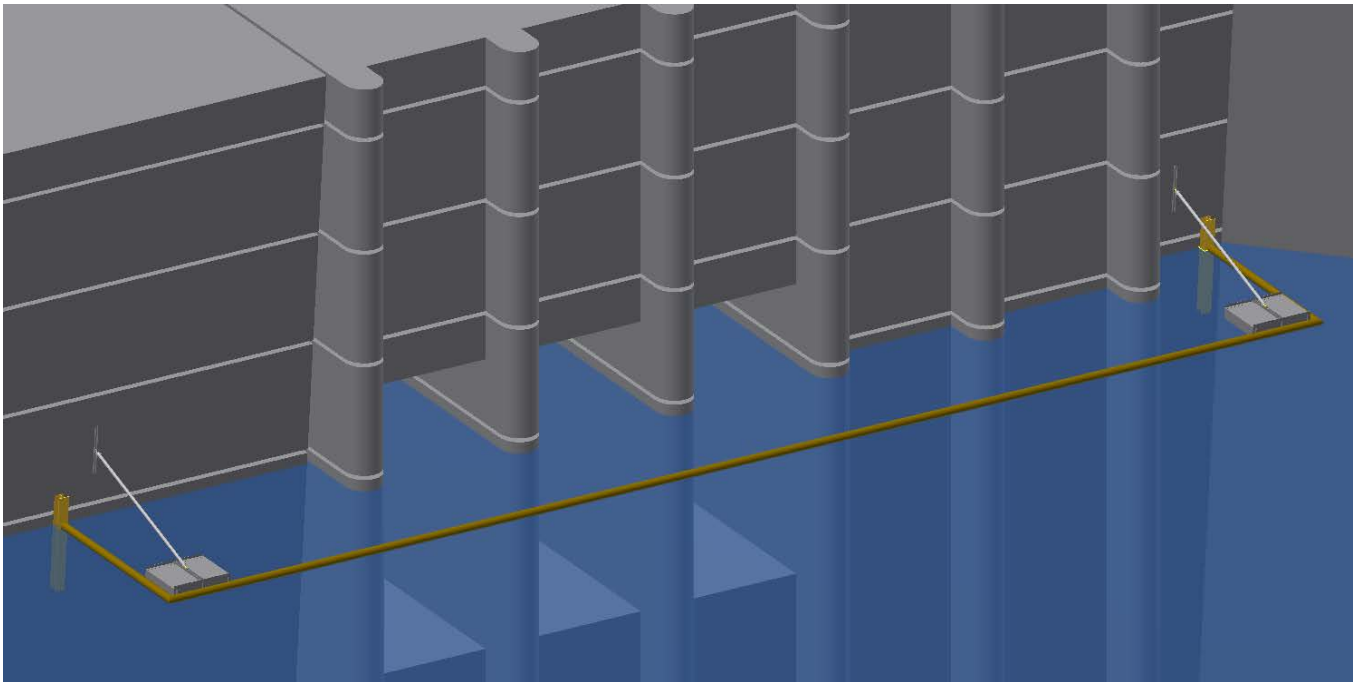
COORDINATION DATE- 06/11/18

PROJECT- The Dalles Dam

RESPONSE DATE- 06/25/18

Description of the problem

The Dalles purchased a permanent oil boom to install in the forebay in front of the east fish ladder for protection from river oil spills a few years ago. The installation was delayed mainly due to the construction of the AWS emergency backup system. The project needs to install wall anchors for boom attachment approximately 40' downstream and 20' upstream of the fish ladder exit. Concrete drilling of 6 holes per bracket will be required. The proposal is to install these anchors during the Aug 7 fish unit outage already planned for fishway grating (ROV) inspection. The assumption is that fewer fish will be using the east fish ladder during that time.



Type of outage required

No special outage required. The fish ladder will be in service. Fish units will be off for other scheduled work.

Impact on facility operation (FPP deviations)

This non routine work will be within the 100' limit of the fish ladder exit.

Impact on unit priority

None

Impact on forebay/tailwater operation

Minimum forebay will be requested to get anchors as low on wall as possible without the need for a diver to install.

Impact on spill

None

Dates of impacts/repairs – August 07, 2018

Length of time for repairs - ~4 hours

Analysis of potential impacts to fish

1. 10-year average passage by run during the period of impact for adults and juvenile listed species, as appropriate for the proposed action and time of year;

Per Fish Passage Center, the 10 year average for 07 August:

Chinook	Steelhead	Lamprey
452	1709	147

2. Statement about the current year’s run (e.g., higher or lower than 10-year average)
Current forecast is less than 10 year average.
3. Estimated exposure to impact by species and age class (i.e., number or percentage of run exposed to an impact by the action);

There is a potential impact to Chinook, Steelhead and Lamprey on this date. Historically, this is the lowest point of passage between summer and fall migration.

4. Type of impact by species and age class (increased delay, exposure to predation, exposure to a route of higher injury/mortality rate, exposure to higher TDG, etc.);

Unknown. Passage delay is unlikely.

Summary statement - expected impacts on:

Downstream migrants

None. Past peak juvenile outmigration and few juveniles are expected in this area.

Upstream migrants (including Bull Trout)

With the spillway in operation at near optimal levels for attracting fish to the north, and fish units off for other work, it is expected that very few of these fish will be exposed to this work area near the fish ladder exit. The noise level will be similar to routine work. Impacts are expected to be minimal.

Lamprey

Same as above. Impacts expected to be minimal.

Comments from agencies

BPA –

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

From: Bettin, Scott W (BPA) - EWP-4 [mailto:swbettin@bpa.gov]
Sent: Monday, June 11, 2018 12:11 PM
To: Kovalchuk, Erin H CIV USARMY CENWP (US)
<Erin.H.Kovalchuk@usace.army.mil>
Subject: [Non-DoD Source] RE: FPOM: Official Coordination 18TDA06 MOC
Oil Boom Installation at EFL

When they say low forebay do you have any idea what that really means?
We will need to plan ahead to get it to that elevation is why I'm
asking. -s

COE response-

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

From: Cordie, Robert P CIV CENWP CENWD (US)
Sent: Monday, June 11, 2018 1:04 PM
To: Kovalchuk, Erin H CIV USARMY CENWP (US)
<Erin.H.Kovalchuk@usace.army.mil>; Scott Bettin <swbettin@bpa.gov>
Subject: RE: FPOM: Official Coordination 18TDA06 MOC Oil Boom
Installation at EFL

I meant to bring up at RCC call, but wasn't sure what to ask for yet.
I'm thinking 157' (or whatever we can get)

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

From: Bettin, Scott W (BPA) - EWP-4 [mailto:swbettin@bpa.gov]
Sent: Monday, June 11, 2018 2:10 PM
To: Cordie, Robert P CIV CENWP CENWD (US)
<Robert.P.Cordie@usace.army.mil>; Kovalchuk, Erin H CIV USARMY CENWP
(US) <Erin.H.Kovalchuk@usace.army.mil>
Subject: [Non-DoD Source] RE: FPOM: Official Coordination 18TDA06 MOC
Oil Boom Installation at EFL

We can do 155-156 or 155-157. It's only for four hours so it shouldn't
be a big deal. Just need some specifics so we can plan for it. -s

Final coordination results – From 180614 FPOM meeting: FPOM concurred.

After Action update (After action statement stating what the effect of the action was on listed species. This statement could simply state that the MOC analysis was correct and the action went as expected, or it could explain how the actual action changed the expected effect (e.g., you didn't need to close that AWS valve after all, so there was no impact of the action). List any actual mortality noted as a result of the action)

Please email or call with questions or concerns.

Thank you,
Bob

Bob Cordie
Chief of Fisheries
The Dalles Dam

and

Erin Kovalchuk
NWP Operations Division Fishery Section
Columbia River Coordination Biologist
Erin.H.Kovalchuk@usace.army.mil