

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

**COORDINATION TITLE- 19TDA06 - Fish Unit Governor SCC**

**COORDINATION DATE- 4/17/19**

**PROJECT- The Dalles Dam**

**RESPONSE DATE- 05/02/19**

**Description of the problem**

The Governor SCC Functionality project requires commissioning for continued reliable operation through the remainder of this passage season. This is required to maintain governor HMI control from the control room. This can be done one fish unit per time while the other unit maintains maximum flow. Each unit requires 5 hours and can be done during nighttime hours.

**Type of outage required**

**Impact on facility operation** – Single fish unit operation will maintain ~75% criteria flow

**Impact on unit priority** – Fish Unit outage during passage season

**Impact on forebay/tailwater operation** - None

**Impact on spill** - None

**Dates of impacts/repairs**

2 nights between May 4 and 11

**Length of time for repairs**

5 hours for each unit starting 2030 hours (after sunset)

**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;  
<https://www.nwfsc.noaa.gov/research/divisions/fe/estuarine/oeip/g-forecast.cfm>  
Chinook 10year range on these dates is 3179 – 4477. In 2018, it was 572 – 3500.  
Steelhead 10 year range on these dates is 5 - 10. In 2018, it was 0 - 11.
2. Statement about the current year’s run (e.g., higher or lower than 10-year average)  
Similar to 2018
3. Estimated exposure to impact by species and age class (i.e., number or percentage of run exposed to an impact by the action)

Impact should be minimal since one fish unit will maintain ~75% normal flow. In addition the majority of passage is during daylight hours.

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.);  
Potential delay due to reduced attraction flow at east fishway entrances.

### **Summary statement - expected impacts on:**

**Downstream migrants - none**

**Upstream migrants (including Bull Trout)** – Impact will be minimal due to low night time passage (<10% of run) and maintaining 75% normal attraction flow.

**Lamprey** – None expected during this time

### **Comments from agencies**

#### **NOAA**

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

From: Blane Bellerud - NOAA Federal [mailto:blane.bellerud@noaa.gov]

Sent: Thursday, April 18, 2019 11:34 AM

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

<Erin.H.Kovalchuk@usace.army.mil>

Subject: [Non-DoD Source] Re: FPOM: Official Coordination 19TDA06 MOC GOV SCC fish unit commission

Looks OK to me, but would be more informative if you drilled down to specifically night passage numbers since presumably we are doing this at night because nighttime passage is low.

Blane

#### **Response:**

On Thu, Apr 18, 2019 at 2:25 PM Cordie, Robert P CIV (USA)

<Robert.P.Cordie@usace.army.mil <mailto:Robert.P.Cordie@usace.army.mil>

> wrote:

I thought about including that.

When I looked into it closer last year for another MOC and crunched numbers, I came up with night passage <1% Chinook, ~4% Steelhead, 7% Sockeye, and surprisingly only ~16% lamprey (thought they moved more at night) for 2016. Data was limited to only mid-June through Sept, so not sure it applies very well.

#### **NOAA Response:**

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

From: Blane Bellerud - NOAA Federal [mailto:blane.bellerud@noaa.gov]

Sent: Thursday, April 18, 2019 4:09 PM

To: Cordie, Robert P CIV (USA) <Robert.P.Cordie@usace.army.mil>

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

<Erin.H.Kovalchuk@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 19TDA06 MOC GOV SCC fish unit commission

Pretty much what I saw based on PIT tags as well. Good to include that kind of supporting data as long as you note its limitations.

Blane

**CRITFC**

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

From: Tom Lorz [mailto:lorz@critfc.org]  
Sent: Thursday, April 18, 2019 12:42 PM  
To: Kovalchuk, Erin H CIV USARMY CENWP (US) <Erin.H.Kovalchuk@usace.army.mil>  
Subject: [Non-DoD Source] RE: FPOM: Official Coordination 19TDA06 MOC GOV SCC fish unit commission

By the way beside don't break, it I am fine with the plan

**Final coordination results – This action will move forward as planned.**

**After Action update**

No measureable effect on listed species was identified. The work was completed, needing only about half the allotted timeline

Please email or call with questions or concerns.

Thank you,  
Erin

Erin Kovalchuk  
NWP Operations Division Fishery Section  
Columbia River Coordination Biologist  
[Erin.H.Kovalchuk@usace.army.mil](mailto:Erin.H.Kovalchuk@usace.army.mil)

Bob Cordie  
Chief of Fisheries  
The Dalles Dam