

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

**COORDINATION TITLE- 17TDA19 AWS Concrete inspection dive**

**COORDINATION DATE- June 21, 2017**

**PROJECT- The Dalles Dam**

**RESPONSE DATE- July 6, 2017**

**Description of the problem**

For the construction of the AWS backup system, a concrete form was placed in the forebay for the footing of the intake structure. Concrete was poured the last day of the work window with no time to inspect the pour quality. A dive will be required prior to the in water work period and allow enough time to form contingency plans if flaws are found. The dive will occur from the existing platform that is in place from the first work season. The fishway attraction flow will be off Aug 8 for required mid- season ROV grating inspection in the lower end of the fishway. The dive work can coincide with that work to minimize any potential passage impact.

**Impact on facility operation** – None. Fish ladder will remain in service without attraction flow.

**Impact on forebay/tailwater operation** – No special forebay operation is needed.

**Impact on spill** – None.

**Dates of impacts/repairs** – Aug 8, 2017

**Length of time for repairs** – ~3 hours

**Analysis of potential impacts to fish Upstream Migrants** – The 2012-2016 average passage for August 8 is 854 Chinook, 1,833 Steelhead and 54 Sockeye. Approximately 95% of these pass the east fish ladder with no spill attraction to the north fish ladder.

**Summary statement** – Dive work and concrete pouring was done in this area during March as coordinated with FPOM. This work is approximately 80' downstream of the exit. Adult salmon likely exit the fish ladder into the flow and move away from the dive work area. The work will be relatively quiet. No passage impact is expected.

**Downstream migrants** – No expected impact. Not in normal juvenile passage area.

**Lamprey** – No expected impact, similar to adult salmon.

**Bull Trout** – impacts to Bull Trout are expected to be similar to other upstream migrating salmonids. Very few Bull Trout have been counted at TDA in the last 10 years.

**Comments from agencies** –

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

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

Sent: Friday, June 23, 2017 3:27 PM

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

Subject: [Non-DoD Source] Re: FPOM: Official Coordination 17TDA19 MOC AWS concrete dive inspection

I am ok with this, thanks

Tom

**Final Action** – Notes from the July FPOM meeting: The dive is no longer scheduled during the ROV because of personnel issues. The dive will take place on 7 August with no changes to the operations. FPOM concurred with this action.

**After action update – Completed.**

Please email or call with questions or concerns.

Thank you,

Bob Cordie

[Robert.P.Cordie@usace.army.mil](mailto:Robert.P.Cordie@usace.army.mil)

TDA Project Fisheries

541-506-7800

Erin Kovalchuk

NWP Operations Division Fishery Section

Columbia River Coordination Biologist

[Erin.H.Kovalchuk@usace.army.mil](mailto:Erin.H.Kovalchuk@usace.army.mil)