

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

COORDINATION TITLE- 19TDA18 MOC Fish Unit Exciter Changes

COORDINATION DATE- 10/17/19

PROJECT- The Dalles

RESPONSE DATE- 10/31/19

Description of the problem

Fish unit breaker contract requires some operational adjustments to the exciters prior to coming down for winter maintenance. This requires 1 fish unit to be out of service at a time. The operating fish unit discharge will be increased while the other is taken out of service.

Type of outage required - Fish units 1 at a time.

Impact on facility operation (FPP deviations)

Reduces attraction flow at entrances. One fish unit operation guidelines per FPP will be followed.

Impact on unit priority

None

Impact on forebay/tailwater operation

None

Impact on spill

None

Dates of impacts/repairs - Nov 26 and 27

Length of time for repairs - Approximately 2 hours per unit outage. One unit outage each day.

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>

These dates are beyond the typical counting window for TDA. Limited data from Fish Passage Center showed a 10 year average for November 22 as 45 Chinook and 13 Coho and for November 26 as 44 Steelhead per Fish Passage Center.

2. Statement about the current year's run (e.g., higher or lower than 10-year average); **Chinook and Steelhead presently at ~50% of 10 yr. average. Coho is at approx. 10 yr. 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); **Expected minimal impact to Chinook, Coho and Steelhead. During east fish unit outage, the east and west**

entrance should maintain close to entrance criteria. South will likely be short on criteria. The outage will occur during about 20% of the daylight hours. Approximately 8 Chinook, 16 Coho and 4 Steelhead will be exposed to reduced entrance flow, but passage should continue.

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.);

Adult

Summary statement - expected impacts on:

Downstream migrants - No impact due to location.

Upstream migrants (including Bull Trout) - Minimal to no impact.

Lamprey –Minimal to no impact since it is past the typical migration period.

Comments from agencies

WFDW

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

From: Morrill, Charles (DFW) [mailto:Charles.Morrill@dfw.wa.gov]
Sent: Thursday, October 24, 2019 11:05 AM
To: Kovalchuk, Erin H CIV USARMY CENWP (US)
<Erin.H.Kovalchuk@usace.army.mil>
Cc: Morrill, Charles (DFW) <Charles.Morrill@dfw.wa.gov>
Subject: [Non-DoD Source] RE: FPOM: Official Coordination 19TDA18 MOC
Fish Unit Exciter Work
Importance: High

Hi erin,

support as well ..

Charlie

Final coordination results – This action will move forward as coordinated.

After Action update

The work was completed on both units in one night. The units were returned to service well before daylight, but without load due to faulty indication panel. The error was corrected just after daylight. Corrective action followed.

Please email or call with questions or concerns.

Thank you,

Erin

Erin Kovalchuk
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