

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

COORDINATION TITLE- 22TDA03 Wasco PUD OOS for testing

COORDINATION DATE- 3/22/22

PROJECT- The Dalles Dam

RESPONSE DATE- 3/24/22

Description of the problem - The new PUD juvenile switch gate assembly installed. This work has been vetted through FPOM 2 years prior. Post completion requires fish condition testing prior to operation. This is done by capturing juveniles at the end of the outfall pipe located near the north adult fish ladder entrance. To safely conduct this work, the attraction flow at the entrance must be off. Testing will occur Tues Mar 29. PUD turbine flow to the off from 1000-1600.

Type of outage required – North ladder PUD attraction flow.

Impact on facility operation – PUD turbine off

Dates of impacts/repairs – 3/29/22

Length of time for repairs – ~6 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; *10 year average for total dam passage on March 29 is 1 chinook and 34 steelhead.*
2. Statement about the current year's run (e.g., higher or lower than 10-year average); *Current year total run for March to date is 11 chinook and 11 steelhead.*
3. Estimated exposure to impact by species and age class (i.e., number or percentage of run exposed to an impact by the action); *With no spill attraction near the north fishladder, approximately 95% of passing adults use the east fishladder. Using the 10 year average, this calculates to a less than 2 fish likely to use the north ladder on this date. The 4 hour outage affects about 1/3 of the total daylight passage time, resulting at the very most 1 adult salmonid potentially affected by the outage.*
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.); *If any impact occurs, it would up to 6 hour delay of 1 adult salmonid.*

Summary statement - expected impacts on:

Given the present and past passage, low north ladder use during non-spill. No fish passage impact is expected.

Comments from agencies

No comments were received.

Final coordination results

Please email or call with questions or concerns.

Thank you,

Tammy Mackey

Acting Columbia River Coordinator

Rick Martinson

SMP for Wasco PUD