

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

**COORDINATION TITLE- 22TDA12 Fish Unit Intake ROV Inspection**

**COORDINATION DATE- 6/30/22**

**PROJECT- The Dalles Dam**

**RESPONSE DATE- 7/14/2022**

**Description of the problem** – The fish units for the east fishway experience unusual intake plugging resulting in reduced discharge. The unit was cycled off to clear debris which worked to return full discharge, but differential on F2 persists and we cannot get a visual in the intake trashrack for verification. Since we are planning the east fishway grating inspection in August, we plan to add the ROV inspection of the trashrack during this outage. Plan is for a half day outage Aug 16. In addition, unit 1 is required off and unit 1 sluiceways closed for ROV safety. Gates will be open on east end during that time to maintain continual sluice discharge level.

**Type of outage required** – Fish units F1 and F2, Main unit 1 and unit 1 sluiceways

**Impact on facility operation** – Fish unit and east fishladder attraction water, main unit 1 priority and unit 1 sluiceway operation

**Dates of impacts/repairs** – 8/16/22

**Length of time for repairs** – ~half 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; Sockeye have started to drop off considerably by this date to ~500/day. Fall Chinook are just starting to increase this week just over 500/day. Steelhead are still relatively low around 100/day. Vast majority of juvenile passage through by this time. Spillway will still be in last 2 weeks of operation.
2. Statement about the current year's run (e.g., higher or lower than 10-year average); Sockeye run is very strong this year ~2.5 times ten-year average. Chinook are holding at 10-year avg. Steelhead numbers are still low.
3. Estimated exposure to impact by species and age class (i.e., number or percentage of run exposed to an impact by the action); Fish unit outage is already approved via Fish Passage Plan for fishway grating inspection. Main unit 1 and its sluiceways open is primarily for juveniles, but alternative gates will be opened.
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

**Summary statement - expected impacts on:**

Impacts to juvenile passage should be minimal with other sluiceways open and spillway still in operation. Completing this work is important to ensure fish units can maintain full operation going into the fall fish passage season.

**Comments from agencies**

No comments received from the agencies during the comment period.

No comments at FPOM meeting on July 14.

**Final coordination results**

Work is coordinated as described in the MOC.

**After Action Report**

Please email or call with questions or concerns.  
Thank you,

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