

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

COORDINATION TITLE – 24 LWG XX AWS Track Rake Crane Removal

COORDINATION DATE - 25 June 2024

PROJECT - Lower Granite Dam

RESPONSE DATE – 9 July 2024

Description of the problem- Lower Granite trash rake crane needs to be replaced to ensure future operational reliability. This work scheduled to be completed April 4, 2023, as described in MOC 21 LWG 04 has been rescheduled to take place in September 2024. Once the new crane is installed and tested the old crane will be disassembled and removed. Due to the footprint required for crane disassembly and removal, this non-routine construction activity will take place on the south intake deck within 100' of the fish ladder exit. Removal is now expected to take place October 30-November 1. No excessive noise or vibrations that would impact fish passage are expected during the demolition.

Type of outage required- No outages are required.

Impact on facility operation (FPP deviations)- No deviations from FPP.

Impact on unit priority- N/A

Impact on forebay/tailwater operation- N/A

Impact on spill- N/A

Dates of impacts/repairs- October 30-November 1.

Length of time for repairs- Crane disassembly is expected to take three days during normal work 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; The 10 year daily average adult passage October 30-November 1 scheduled is 158 adult Chinook, 1235 adult steelhead, and 540 adult Coho. Work is not expected to impact adult passage.

2. Statement about the current year's run (e.g., higher or lower than 10-year average);

Current adult Chinook salmon and steelhead runs are projected to be below the 10-year averages.

3. Estimated exposure to impact by species and age class (i.e., number or percentage of run exposed to an impact by the action);

Based on the 10-year average fish passage counts about 0.2% of Chinook, 0.3% of jack Chinook, 1.4% of the steelhead, and 5.8% of the Coho run will be passing LWG during this work window.

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.);

The work will not generate excessive noise levels or vibration and does not require in water work activities or FPP deviations. No impacts to juvenile or adult passage are expected.

Summary statement - expected impacts on:

Downstream migrants: N/A

Upstream migrants (including Bull Trout): No impacts to bull trout or other upstream migrants are expected.

Lamprey: N/A

Comments from agencies:

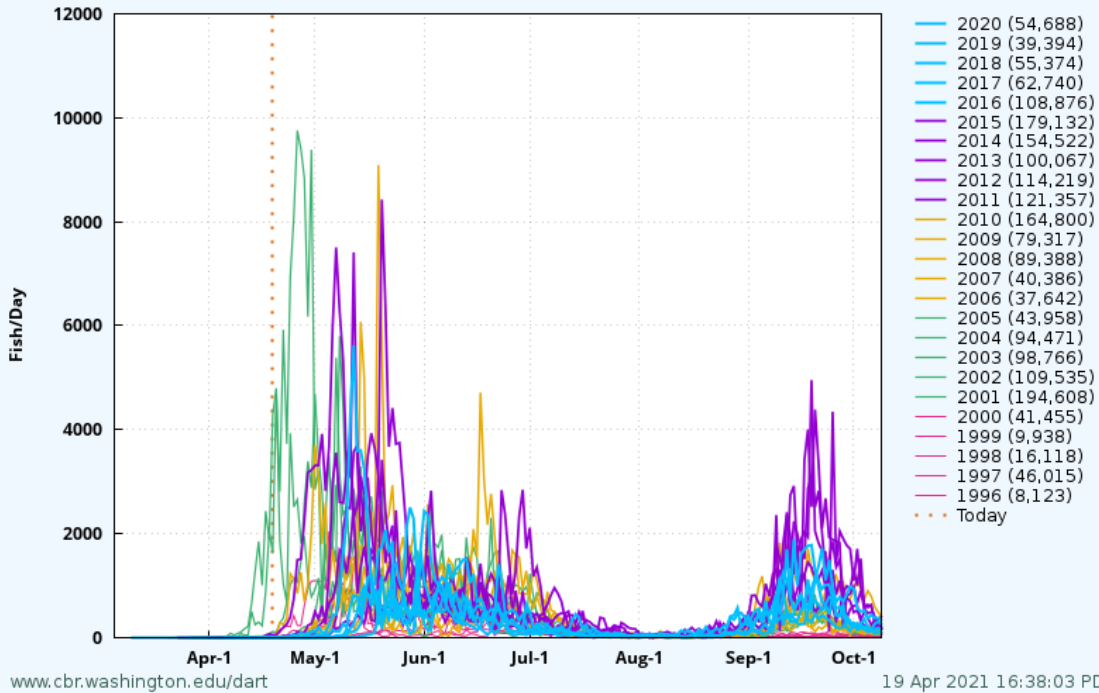
Final coordination results:

After Action update:

Please email or call with questions or concerns.

Thank you,
Elizabeth Holdren
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Lower Granite Project
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**Daily Passage, 1996 - 2020
Adult Visual Counts Chinook
Lower Granite Dam, 1/1 - 12/31
Display through Last 95% Passage Date (10/09)**



**Daily Passage, 1996 - 2020
Adult Visual Counts Steelhead
Lower Granite Dam, 1/1 - 12/31
Display through Last 95% Passage Date (11/21)**

