

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

**COORDINATION TITLE** – 21 LWG 08 AWS Track Rake Crane Removal

**COORDINATION DATE** - 4 June 2021

**PROJECT** - Lower Granite Dam

**RESPONSE DATE** – 18 June 2021

**Description of the problem-** Lower Granite trash rake crane needs to be replaced to ensure future operational reliability. This work is scheduled to be completed April 4, 2023. 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. This project does not require in-water work and will not generate noise levels above 80dB.

**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-** March 23-April 4.

**Length of time for repairs-** Normal workdays and hours within the dates listed above.

**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 March 23-April 4 is 159 steelhead.  
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 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 average 10 fish passage counts about 2.0% of the annual steelhead 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 no generate excessive noise levels 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):** Potential minor delay in adult fish passage due to reduction in attraction flow.

**Lamprey:** N/A

**Comments from agencies:**

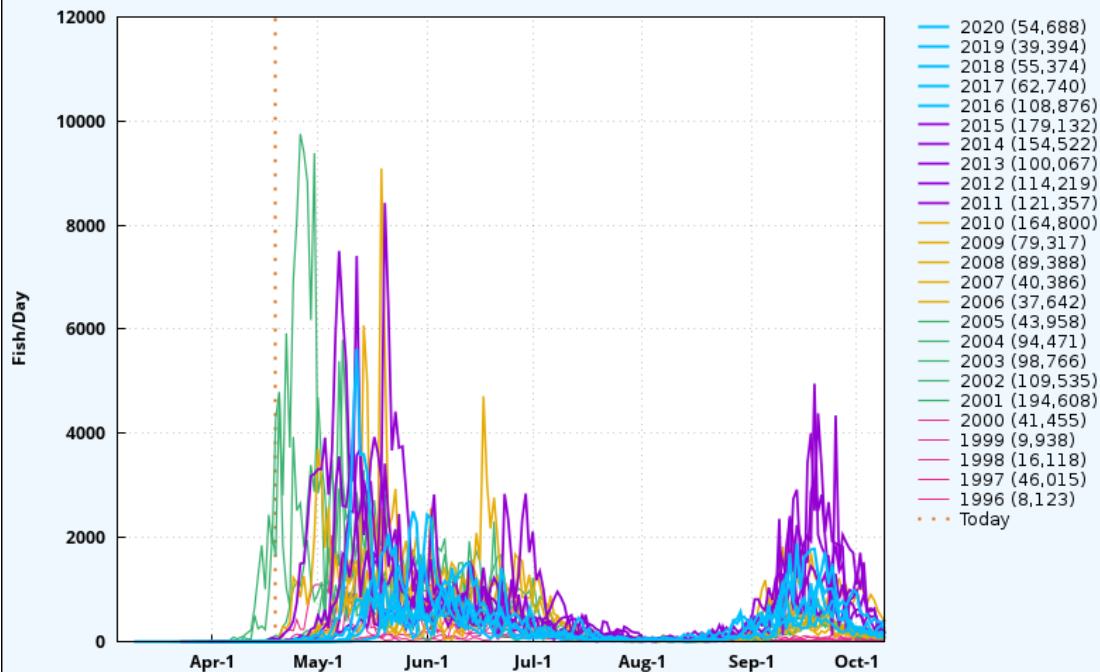
**Final coordination results:**

**After Action update:**

Please email or call with questions or concerns.

Thank you,  
Elizabeth Holdren  
Lead Supervisory Fisheries Biologist  
Walla Walla District  
Lower Granite Project  
Dworshak Dam  
Ph. (509)843-2263

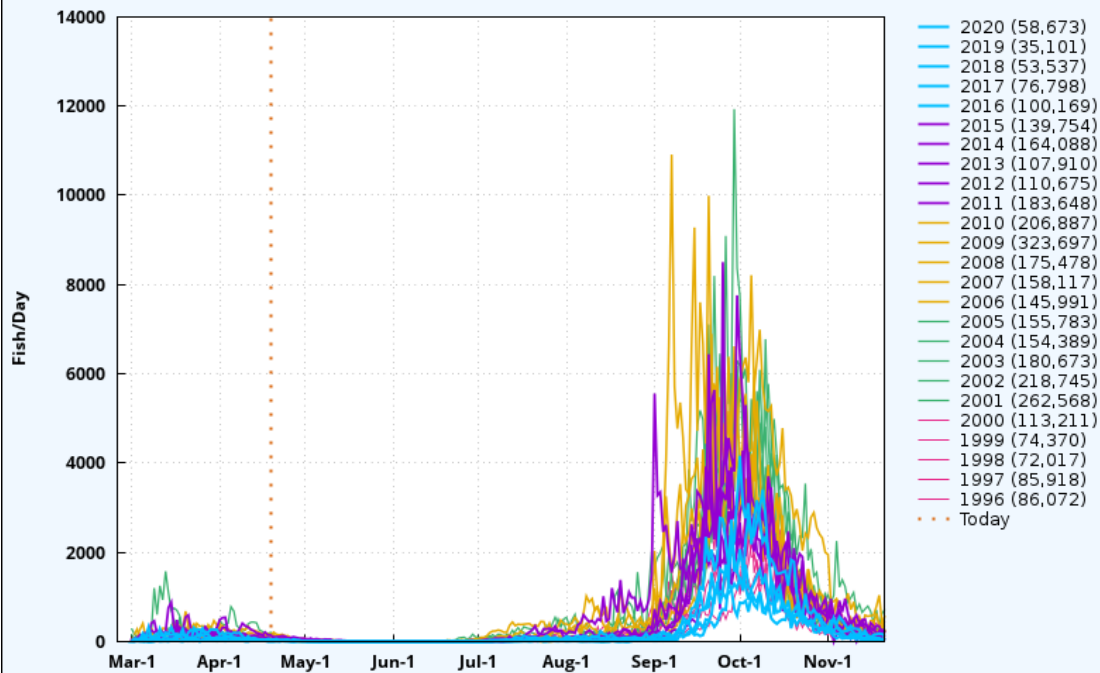
**Daily Passage, 1996 - 2020  
Adult Visual Counts Chinook  
Lower Granite Dam, 1/1 - 12/31  
Display through Last 95% Passage Date (10/09)**



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Adult Visual Counts Steelhead  
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Display through Last 95% Passage Date (11/21)**



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