

**OFFICIAL MEMO of COORDINATION (MOC) FOR NON-ROUTINE
OPERATIONS & MAINTENANCE**

COORDINATION TITLE- 23 LMN 14 Possible Noise Near South Fishway

COORDINATION DATE- September 26, 2023

PROJECT-Little Goose Dam

RESPONSE DATE- October 5, 2023

Description of the Problem: A contractor is planning to install vertical runs of conduit from its electrical substation rooms in the Navigation lock down to the unwatering pumps at Lower Monumental Dam during the week of October 9-13, causing the possibility of noise impacts. The contractor will be installing struts using impact drills and installing expansion anchors. In addition, there will be core drilling through the wall of the upstream electrical substation room and concrete trenching adjacent to the unwatering pumps that run through to the Navigation Lock wall.

Type of outage required: NA

Dates of impacts/repairs: October 9-13, 2023.

Length of time for repairs: Daily 0630-1700, October 9-13, 2023.

Impact on fish facility operation: Operations will not be impacted. There will be no modification to spill or tailwater elevations.

Analysis of potential impacts to fish:

1. 10-year average passage of adults and juveniles of each affected listed species during dates of impact (Columbia River DART):

On average, 372 adult Chinook salmon, 1,682 adult steelhead, and 172 adult coho salmon pass the south shore fishway at Lower Monumental Dam during the dates of October 9-13. No bull trout and few lamprey have been counted at Lower Monumental Dam during October.

2. Juvenile salmon and steelhead downstream migration will not be impacted.
3. Statement about the current year's run (e.g., higher or lower than 10-year average – Columbia River DART):

To date the fall Chinook salmon run is slightly above average and the steelhead count is about 73% of the average at Bonneville Dam. Steelhead, coho, and fall Chinook salmon counts at Lower Monumental Dam are above average to date this year.

4. Estimated exposure to impact of adults and/or juveniles, as appropriate, by species (number or percentage of 10-year average that occurs during dates of impact – Columbia River DART):

Approximately 1% fall Chinook salmon, 2% steelhead, and 2% coho salmon, on average, pass using south fishway at Lower Monumental Dam October 9-13.

5. Type of impact to adults and/or juveniles, as appropriate, by species (e.g., increased delay, exposure to predation, exposure to a route of higher injury/mortality rate, exposure to higher TDG, etc.):

Upriver migrants including Chinook, steelhead, coho, lamprey, and bull trout may be delayed passing through the south shore fishway during the work described here.

Downstream migrants will not be impacted.

Comments from Agencies:

Final Coordination Results:

After Action update:

Please e-mail or call with questions or concerns.

Thank you,

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