

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

COORDINATION TITLE- 23 LMN 04 MOC Spillbay 6 Repair

COORDINATION DATE- May 9, 2023

PROJECT- Lower Monumental

RESPONSE DATE- May 16, 2023

Description of the problem-The spillbays have all been retrofitted at Lower Monumental Dam, except spillbay 6, in order to prevent the drive motor coupling from splitting due to poor design in manufacturing. With the current usage of the spillbays (opening and closing for barges) and after spillbay 8 coupling broke last week (23 LMN 03 MFR Spillbay 8 OOS), it was deemed a necessity to complete the last spillbay to prevent a possible forced emergency outage of the spillbay.

Type of outage required- Spillbay 6 closed.

Impact on facility operation – Spring spill pattern will be altered one day.

Impact on unit priority – N/A

Impact on forebay/tailwater operation – N/A

Impact on spill - Spillbay 6 closed from 0700 to 1400. Required spill volume will be spread among operating spillbays.

Dates of impacts/repairs- May 22

Length of time for repairs- 7 hours, 0700 to 1400 hours

Analysis of potential impacts to fish

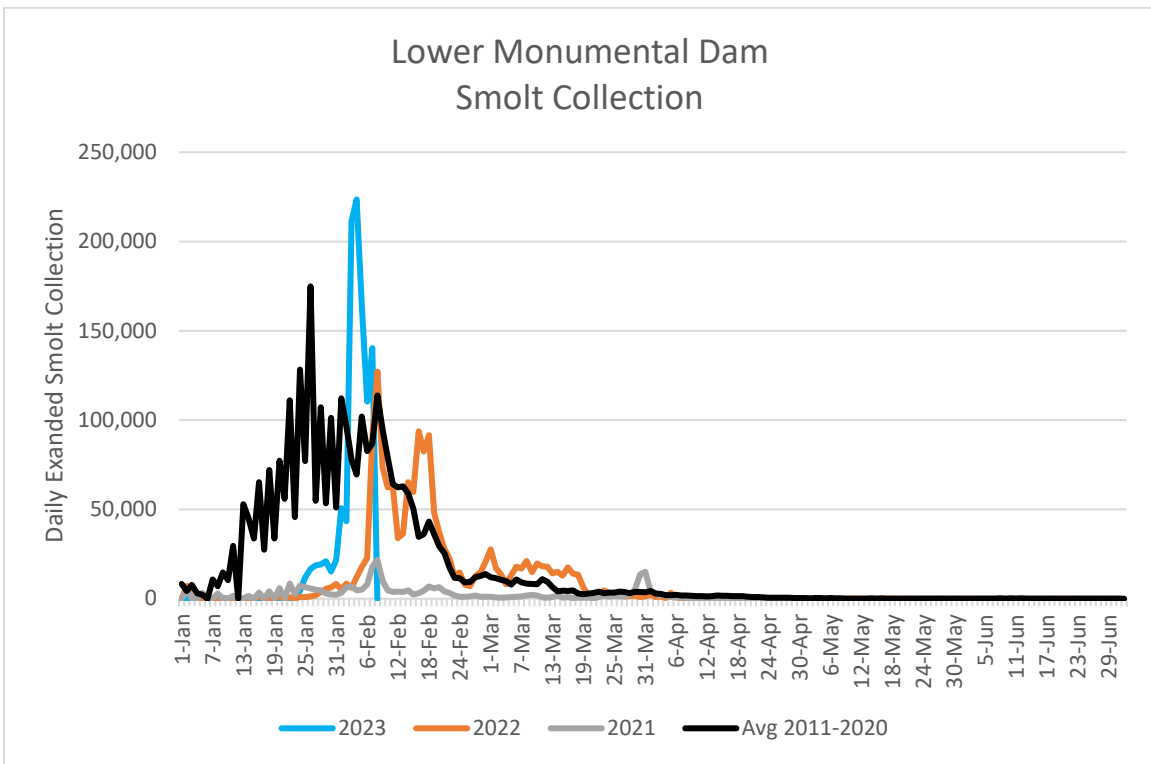
On average, 1,043 adult chinook salmon pass Lower Monumental Dam on 22 May. Currently the adult Chinook salmon run has been below average. Adult fish passage should not be affected.

Juvenile collection on 22 May has averaged about 18,529 smolts over the last 10 years. Juvenile collections this year were delayed and are currently high with spring runoff. By 22 May, flows and collections should diminish some. Juvenile fish egress may be impacted from altered spill pattern.

Date	Chinook	Jack Chinook	Steelhead	Wild Steelhead
22-May	1043	304	3	1

10 Year Average for Juvenile Salmonids (2013-2022)										
Date	Yearling Chinook		Subyearling Chinook		Steelhead		Sockeye/Kokanee		Coho	Daily Totals
	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		
21-May	9759	2092	268	449	5600	3241	1464	155	717	23745
22-May	7107	1961	217	447	4375	2786	945	127	563	18529
23-May	5188	1788	664	471	3883	2158	609	70	483	15314

Current Smolt Collection for Lower Monumental Dam



Comments from agencies

Final coordination results

After Action update

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

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