

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

COORDINATION TITLE- 23 LMN 04 MOC Spillbay 6 Repair

COORDINATION DATE- May 17, 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. Date of work is delayed to avoid peak spring flows.

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 30

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.

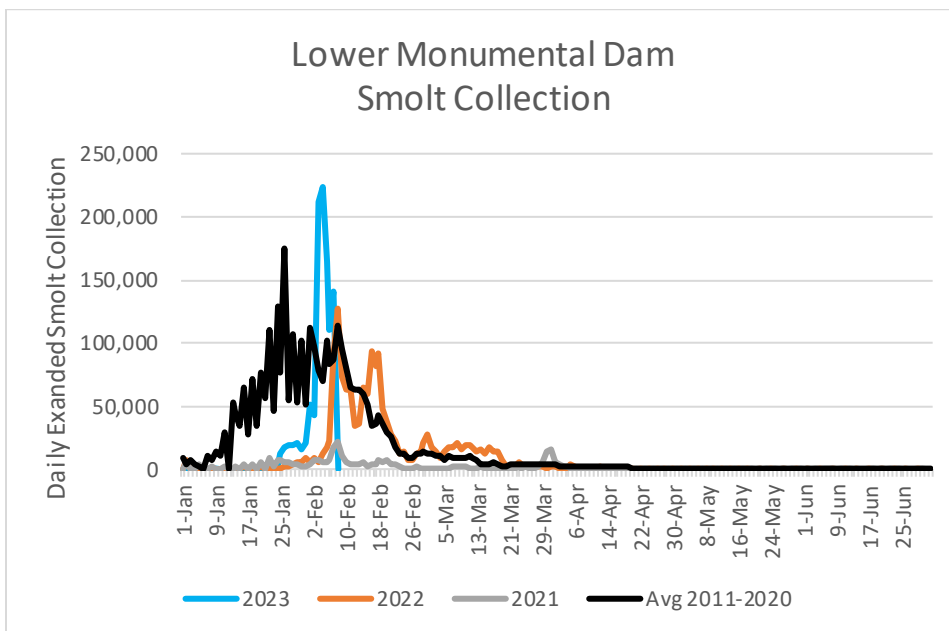
Juvenile collection on 22 May has averaged about 18,529 smolts over the last 10 years. Juvenile collections this year were delayed and are currently high with spring runoff. By 22 May, flows and collections should diminish some. Juvenile fish egress may be impacted from altered spill pattern.

10 Year Daily Adult Average (2013-2021)				
Date	Chinook	Jack Chinook	Steelhead	Wild Steelhead
30-May	1021	352	1	
31-May	831	234	1	
1-Jun	699	174		

10 Year Adult Average 2013-2022			
Chinook	Jack Chinook	Steelhead	Wild Steelhead
693	216	3	1
690	205	3	1
690	197	3	1

10 Year Average Juvenile Collection (2013-2022)										
Date	Yearling Chinook		Subyearling Chinook		Steelhead		Sockeye/Kokanee		Coho	Daily Total
	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		
30-May	770	730	2,942	4,294	1,539	1,139	51	103	397	11,964
31-May	868	784	2,553	4,788	1,608	1,178	24	19	294	12,115
1-Jun	477	491	3,111	4,461	1,164	1,004	6	50	278	11,042

Current Smolt Collection for Lower Monumental Dam



Comments from agencies

During

Final coordination results

After Action update

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

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