

Northern Wasco County PUD

Fish Condition Weekly Report #23-09

0800 Tuesday, May 30, 2023 - 0800 Wednesday, May 31, 2023.

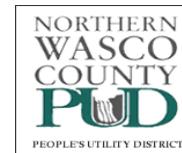
Project Biologist: Rick Martinson

Section 1. Comments

A complete 24 hour sample was collected this week. River conditions improved with better visibility and less debris. Overall river flow declined, from 392 Kcfs to 264 Kcfs, resulting in a decline in spill volume as well. There were 4 subyearling Chinook fry morts out of only 42 fry but they were uninjured and not descaled so cause of death was not obvious. The reduced sediment load eliminated the accumulation of suspended solids on the dewatering screen also.

Section 2. River Conditions (for the 24 hour sample period)

	Spill		Kcfs	% of River	Forebay	River Temp (°F)
	River Flow	Powerhouse				
This Week	264.4	153.8	104.8	39.6	158.5	59.6
Last Week	392.2	198.0	188.4	47.7	158.6	58.0



Section 3. Sample Numbers

Date	Yearling Chinook			Subyearling Chinook			Steelhead			Coho			Sockeye			Total- All Species										
				Non Fry		Chinook Fry	Total Chin 0	Unclipped		Clipped	Total Sthd	Good		Mort	Total	Good		Mort	Total							
	Good	Desc	Mort	Good	Desc	Mort		Good	Desc	Mort		Good	Desc	Mort	Good	Desc	Mort	Total								
4/5/23	1						1,988	22	2,010					0			0	2,011								
4/12/23	20						2,931	33	2,964					0	1		1	0,2985								
4/19/23	13	1	14				1,390	7	1,397					2	1		1	0,1414								
4/26/23	8						1,011	1	1,012					0			1	0,1021								
5/3/23	4	1	5				252	1	253	1	1	1		3	11		11	0,272								
5/10/23	18	1	19	2			146		148	1			1	2	8	1	9	0,178								
5/17/23	18	1	19	4			79		83					0	2		2	1,105								
5/24/23	3			3	11		147		158					0	1		1	0,162								
5/31/23	2			2	2		38	4	44					0			0	0,46								
6/7/23			0						0					0			0	0,0								
6/14/23			0						0					0			0	0,0								
6/21/23			0						0					0			0	0,0								
6/29/23			0						0					0			0	0,0								
7/5/23			0						0					0			0	0,0								
7/12/23			0						0					0			0	0,0								
7/19/23			0						0					0			0	0,0								
7/26/23			0						0					0			0	0,0								
Season Total	87	2	2	91	19	0	0	7,982	68	8,069	2	0	1	3	0	1	7	24	0	2	26	1	0	0	1	8,194

Section 4. Incidental Catch

Date	Crappie	Morts	Bullhead	Mort	Catfish	Mort	Mountain Whitefish	Mort	Bluegill	Mort	Lamprey-Ad	Mort	Lamprey-Pac Amo	Mort	Lamprey-Pac Mac	Mort	Mysid shrimp	Mort	N Pikeminnow	Mort	Pearl	Mort	Perch	Mort	Siberian Prawn	Mort	American Shad	Mort	Walleye	Mort	Sucker	Mort	Banded Ktunish	Mort	TOTAL GOOD	Total Morts	Grand Total		
5-Apr																																	15	0	15				
12-Apr																																5	0	5					
19-Apr																																7	0	7					
26-Apr																																5	0	5					
3-May																																5	0	5					
10-May		1					1				4	2					4	1	3												17	0	17						
17-May		6				1					6	20					3		1												42	0	42						
24-May	1	3			1						3	1				10	1														28	1	29						
31-May					2						1	4				1														11	1	12							
7-Jun																															0	0	0						
14-Jun																															0	0	0						
21-Jun																															0	0	0						
29-Jun																															0	0	0						
5-Jul																															0	0	0						
12-Jul																															0	0	0						
19-Jul																															0	0	0						
26-Jul																															0	0	0						
Sub Total	0	0	1	0	10	0	0	0	4	0	1	0	0	0	24	0	32	1	0	0	22	0	4	0	9	0	13	1	12	0	0	0	2	0	1	0	135	2	137
Total	0	1	10	0	0	4	1	0	0	24	0	33	1	0	0	22	0	4	0	9	14	12	0	0	0	2	1												

Section 5. Detailed Condition Data

One partially descaled yearling Chinook.

Section 6. Pictures

No pictures this week.