

Northern Wasco County PUD

Fish Condition Weekly Report #23-07

0800 Tuesday, May 16, 2023 - 0800 Wednesday, May 17, 2023.

Project Biologist: Rick Martinson

Section 1. Comments

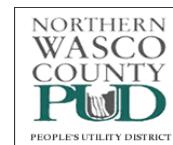
A complete 24 hour sample was collected this week. Debris was very heavy, the river is very dirty, visibility is about 6".

Subyearling Chinook fry numbers continue to decline and on average are larger. Considering the amount of debris in the river, fish condition was good, see Section 5 below for details. There were no fish found on the ground this week so the net extensions seem to have worked.

There was jump in the number of Pacific lamprey sampled this week, likely in response to the high flows.

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

	River Flow	Powerhouse	Spill		Forebay	River Temp (°F)
			Kcfs	% of River		
This Week	396.8	162.5	228.5	54.6	158.4	55.7
Last Week	334.3	195.5	133.0	39.8	158.5	54.3



Section 3. Sample Numbers

Date	Subyearling Chinook						Steelhead						Coho						Sockeye						Total- All Species				
	Yearling Chinook			Non Fry			Chinook Fry			Unclipped			Clipped			Total	Good	Desc	Mort	Total	Good	Desc	Mort	Total	Good	Desc	Mort	Total	
	Good	Desc	Mort	Total	Good	Desc	Mort	Good	Mort	Good	Desc	Mort	Good	Desc	Mort	Total	Good	Desc	Mort	Total	Good	Desc	Mort	Total	Good	Desc	Mort	Total	
4/5/23	1			1				1,988	22	2,010						0				0								0	2,011
4/12/23	20			20				2,931	33	2,964						0	1		1								0	2,985	
4/19/23	13	1	14					1,390	7	1,397						2	1		1								0	1,414	
4/26/23	8		8					1,011	1	1,012						0			1	1							0	1,021	
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						1	105		
5/24/23			0							0						0			0							0	0		
5/31/23			0							0						0			0							0	0		
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	82	2	2	86	6	0	0	7,797	64	7,867	2	0	1	3	0	1	7	23	0	2	25	1	0	0	1	7,986			

Section 4. Incidental Catch

Date	Crappie	Morts	Bullhead	Mort	Bass	Mort	Catfish	Mort	Mountain Whitefish	Mort	Bluegill	Mort	Lamprey-Ad	Mort	Lamprey-Pac Ano	Mort	Lamprey-Pac Mac	Mort	Mysid shrimp	Mort	N. Pike minnow	Mort	Peamouth	Mort	Porch	Mort	Sherian Prawn	Mort	Sculpin	Mort	American Shad	Mort	Walleye	Mort	Sucker	Mort	Banded Killifish	Mort	TOTAL GOOD	Total Morts	Grand Total
5-Apr															13			2			1															15	0	15			
12-Apr																					1															5	0	5			
19-Apr																				1																7	0	7			
26-Apr																				1																5	0	5			
3-May																			1		2		1												5	0	5				
10-May		1						1				4	2					4	1	3														17	0	17					
17-May		6			1							6	20					3																42	0	42					
24-May																																				0	0	0			
31-May																																				0	0	0			
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	0	0	7	0	0	0	1	0	1	0	0	0	23	0	25	0	0	0	11	0	3	0	9	0	5	0	11	0	0	0	0	0	96	0	96				
Total	0	0	0	7	0	0	1	1	0	0	23	25	0	0	11	0	3	0	9	0	5	0	11	0	0	0	0	0	0	0	0	96	0	96							

Section 5. Detailed Condition Data

One sockeye with an eye injury (see below), one descaled Chinook and one Chinook with a body injury.

Section 6. Pictures



A sockeye salmon (*Oncorhynchus nerka*) with an eye injury and some descaling sampled this we