

Northern Wasco County PUD

Fish Condition Weekly Report #23-10

0800 Tuesday, June 6, 2023 - 0800 Wednesday, June 7, 2023.

Project Biologist: Rick Martinson

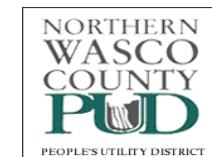
Section 1. Comments

A complete 24 hour sample was collected this week. River conditions similar to last week as river flow continued to decline, from 264 Kcfs to 210 Kcfs. There were 4 subyearling Chinook fry morts out of only 54 fry three in good shape, one with a head injury.

All other fish were in good condition which suggests passage conditions and sample facilities are working well. The dewatering screen did have some suspended solids settle out on the last 6' of the screen. There were two adult lamprey in the sample, one live and one dead.

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

	River Flow	Powerhouse	Spill			Forebay	River Temp (°F)
			Kcfs	% of River			
This Week	210.2	120.4	84.0	40.0		158.7	62.3
Last Week	264.4	153.8	104.8	39.6		158.5	59.6



Section 3. Sample Numbers

Date	Subyearling Chinook						Steelhead						Coho						Sockeye						Total- All Species						
	Yearling Chinook			Non Fry			Chinook Fry			Total Chin 0	Unclipped			Clipped			Total Sthd	Good			Desc			Total	Good			Desc			Total
	Good	Desc	Mort	Total	Good	Desc	Mort	Good	Mort		Good	Desc	Mort	Good	Desc	Mort		Good	Desc	Mort	Total	Good	Desc	Mort	Good	Desc	Mort				
4/5/23	1			1				1,988	22	2,010							0			0				0			0	2,011			
4/12/23	20			20				2,931	33	2,964							0	1		1				0			0	2,985			
4/19/23	13	1		14				1,390	7	1,397							2	1		1				0			0	1,414			
4/26/23	8			8				1,011	1	1,012							0		1	1				0			0	1,021			
5/3/23	4	1		5				252	1	253	1	1	1				3	11		11				0			0	272			
5/10/23	18	1		19	2			146		148	1						1	2	8	1	9			0			0	178			
5/17/23	18	1		19	4			79		83							0	2		2	1			1			0	105			
5/24/23	3			3	11			147		158							0	1		1				0			0	162			
5/31/23	2			2	2			38	4	44							0			0				0			0	46			
6/7/23	2			2	5			50	4	59							0			0				0			0	61			
6/14/23				0				0		0							0			0				0			0	0			
6/21/23				0				0		0							0			0				0			0	0			
6/29/23				0				0		0							0			0				0			0	0			
7/5/23				0				0		0							0			0				0			0	0			
7/12/23				0				0		0							0			0				0			0	0			
7/19/23				0				0		0							0			0				0			0	0			
7/26/23				0				0		0							0			0				0			0	0			
Season Total	89	2	2	93	24	0	0	8,032	72	8,128	2	0	1	3	0	1	7	24	0	2	26	1	0	0	1	8,255					

Section 4. Incidental Catch

Date	Crappie	Morts	Bass	Mort	Catfish	Mort	Mountain Whitefish	Mort	Lamprey-Ad	Mort	Lamprey-Pac Amo	Mort	Lamprey-Pac Mac	Mort	Mysid shrimp	Mort	N. Pikeminnow	Mort	Pearmouth	Mort	Perch	Mort	Siberian Prawn	Mort	Sculpin	Mort	American Shad	Mort	Walleye	Mort	Sticker	Mort	Banded Killifish	Mort	Mort	Total Good	Total Morts	Grand Total		
5-Apr											13																						15	0	15					
12-Apr												2																					5	0	5					
19-Apr													1																				7	0	7					
26-Apr														1																			5	0	5					
3-May															1																		5	0	5					
10-May																4		2															17	0	17					
17-May																	6		20														42	0	42					
24-May																		3	1														28	1	29					
31-May																			10		1												11	1	12					
7-Jun																			2														1	8	1	9				
14-Jun																				1													0	0	0					
21-Jun																				3													0	0	0					
29-Jun																					1												0	0	0					
5-Jul																					5												0	0	0					
12-Jul																						6											0	0	0					
19-Jul																							2										0	0	0					
26-Jul																								1									0	0	0					
Sub Total	0	0	1	0	11	0	0	0	7	0	1	0	1	1	25	0	33	1	0	0	22	0	4	0	9	0	13	1	12	0	0	0	0	2	0	2	0	143	3	146
Total	0	0	1	1	11	0	0	7	1	2	25	34	0	0	22	4	9	9	14	12	0	0	0	0	2	2	2	2												

Section 5. Detailed Condition Data

One Chinook with an eye injury and one with a minor body injury.

Section 6. Pictures

Photos from the sample this week



Pacific Lamprey adult (*Entosphenus tridentatus*).



Pacific Lamprey adult mort (*Entosphenus tridentatus*).



Pacific Lamprey adult sucking disk
(*Entosphenus tridentatus*).



Sediment accumulation on the downstream end



Descaling and puncture wounds from attempted predation.



Banded killifish (*Fundulus diaphanus*).