

Northern Wasco County PUD

Fish Condition Weekly Report #23-10

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

Project Biologist: Rick Martinson

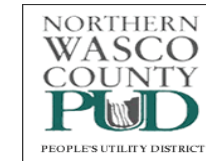
Section 1. Comments

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 Kcfs	% of River	Forebay	River Temp (°F)
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	Yearling Chinook				Subyearling Chinook						Steelhead										Coho				Sockeye				Total- All Species
					Non Fry			Chinook Fry			Total Chin 0	Unclipped			Clipped			Total Sthd											
	Good	Desc	Mort	Total	Good	Desc	Mort	Good	Mort	Good		Desc	Mort	Good	Desc	Mort	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			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	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	2			2	5			50	4	59							0				0				0	61			
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	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

[illegible]

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*).