

Northern Wasco County PUD

Fish Condition Weekly Report #23-04

0800 Tuesday, April 25, 2023 - 0800 Wednesday, April 26, 2023.

Project Biologist: Rick Martinson

Section 1. Comments

A complete 24 hour sample was collected this week. Debris was minimal, consisting mostly of small sticks and filamentous algae. Subyearling Chinook fry continue to be present in record setting numbers. The mortalities this week can be attributed to reasons other than passing through the dewatering structure or sampling system. The fry had predation marks and the Coho had a severe fungus infection. Water temperature continues to climb as expected and spill continues at about 40% of river flow.

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

	River Flow	Powerhouse	Spill		Forebay	River Temp (°F)
			Kcfs	% of River		
This Week	131.9	73.4	52.7	39.9	158.4	49.8
Last Week	132.2	73.4	53.0	40.1	158.9	47.5



Section 3. Sample Numbers

Date	Yearling Chinook				Subyearling Chinook							Steelhead										Coho				Sockeye				Total- All Species
	Good	Desc	Mort	Total	Non Fry			Chinook Fry		Total Chin 0	Unclipped			Clipped			Total Sthd							Total						
					Good	Desc	Mort	Good	Mort		Good	Desc	Mort	Good	Desc	Mort		Good	Desc	Mort	Good	Desc	Mort		Good	Desc	Mort			
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				0						0							0				0				0	0				
5/10/23				0						0							0				0				0	0				
5/17/23				0						0							0				0				0	0				
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	42	0	1	43	0	0	0	7,320	63	7,383	0	0	0	2	0	0	2	2	0	1	3	0	0	0	0	7,431				

Section 4. Incidental Catch

Date																													TOTAL GOOD	Total Morts	Grand Total												
	Crappie	Morts	Bullhead	Mort	Bass	Mort	Catfish	Mort	Mountain Whitefish	mort	Bluegill	Mort	Lamprey-Ad	Mort	Lamprey-Pac Amo	Mort	Lamprey-Pac Mac	Mort	Mysid shrimp	mort	N Pike/minnow	Mort	Peamouth	Mort	Perch	mort	Siberian Prawn	Mort				Sculpin	Mort	American Shad	Mort	Walleye	Mort	Sucker	Mort	Banded Killifish	Mort		
5-Apr															13			2			1								2											15	0	15	
12-Apr																	2				1								2											5	0	5	
19-Apr																				1					4				2											7	0	7	
26-Apr																				1									4											5	0	5	
3-May																																									0	0	0
10-May																																									0	0	0
17-May																																									0	0	0
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	0	0	0	0	0	0	0	0	0	0	13	0	2	0	0	0	3	0	0	0	4	0	0	0	10	0	0	0	0	0	0	0	0	0	0	32	0	32	
Total	0		0		0		0		0		0		0		13		2		0		3		0		4		0		10		0		0		0		0						

Section 5. Detailed Condition Data

One clipped Coho mort with fungus and one 50mm fry mort with predation marks.

Section 6. Pictures



Coho mort with fungus infection sampled this week.

