

Northern Wasco County PUD

Fish Condition Weekly Report #23-04

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

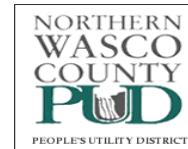
Project Biologist: Rick Martinson

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)

	Spill		Kcfs	% of River	Forebay	River Temp (°F)
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	
	Non Fry			Chinook Fry			Unclipped			Clipped			Total				
	Good	Desc	Mort	Total	Good	Desc	Mort	Good	Desc	Mort	Good	Desc	Mort	Total	Good	Desc	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				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	7,431

Section 4. Incidental Catch

Date	Crappie	Morts	Bullhead	Mort	Bass	Mort	Catfish	Mort	Mountain Whitesib	Mort	Bluegill	Mort	Lamprey-Ad	Mort	Lamprey-Pac Amo	Mort	Lamprey-Pac Mac	Mort	Mysid shrimp	Mort	N Pkeminnow	Mort	Peamouth	Mort	Perch	Mort	Siberian Prawn	Mort	Sculpin	Mort	American Shad	Mort	Walleye	Mort	Sucker	Mort	Banded Killifish	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																																				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	0	13	0	2	0	0	0	3	0	0	0	4	0	0	0	10	0	0	0	0	0	32	0	32			
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	2	0	0	3	0	0	0	4	0	0	10	0	0	0	0	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.

