

Northern Wasco County PUD

Fish Conditon Weekly Report #23-02

0800 Tuesday, April 11, 2023 - 0800 Wednesday, April 12, 2023.

Project Biologist: Rick Martinson

Section 1. Comments

A full 24 hour sample was collected this week and the number of subyearling Chinook fry did not decline as expected (due to the onset of spill) but increased from 2,010 last week to 2,964 this week. Fry mortality was up slightly to 1.1% (33 of 2,964). Other than the fry mortality, there was no descaling or injuries on th other fish sampled. Debris was minimal.

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

	River Flow	Powerhouse	Spill		Forebay	River Temp (°F)
This Week	127.0	70.7	Kcfs	% of River	158.8	45.8
Last Week	98.3	92.5	50.6	39.8	158.9	44.3
			0.0	0.0		



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									
					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				0						0							0				0				0	0	
4/26/23				0						0							0				0				0	0	
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	21	0	0	21	0	0	0	4,919	55	4,974	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	4,996	

Section 4. Incidental Catch

		Crappie	Morris	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 Pikeminnow	Mort	Peamouth	Mort	Perch	mort	Siberian Prawn	Mort	Sculpin	Mort	American Shad	Mort	Walleye	Mort	Sucker	Mort	Banded Killifish	Mort	TOTAL GOOD	Total Morrts	Grand Total				
Date																																														
5-Apr																13														2													15	0	15	
12-Apr																2						1								2													5	0	5	
19-Apr																																												0	0	0
26-Apr																																												0	0	0
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	1	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	20	0	20	
Total		0		0		0		0		0		0		0		13		2		0		1		0		0		0		4		0		0		0		0		0						

Section 5. Detailed Condition Data

Nothing to report.

Section 6. Pictures



Subyearling Chinook fry in abundance.



Large (180mm) hatchery spring Chinook.