

## **Northern Wasco County PUD**

## Fish Condition Weekly Report #23-01

0800 Tuesday, April 4, 2023 - 0800 Wednesday, April 5, 2023.

Project Biologist: Rick Martinson

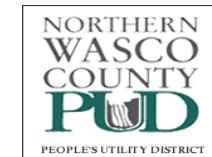
## Section 1. Comments

Welcome to the 2023 Northern Wasco County PUD fish condition monitoring season. Passage conditions through the dewatering structure are monitored by collecting all bypassed fish for 24 hours once a week, April through July. The fish collected are examined for injuries and if none are found, it's assumed conditions are favorable. The first samples, before spill starts, are dominated by subyearling Chinook fry. The number of fry in this sample exceeded the season total fry collected in all but two years.

There were 22 fry morts, or about 1%. Mortality occurs when the weak swimming fry get impinged on the dewatering perforated plate, a difficult hazard to address even with the much reduced discharge from the new dewatering screen. One yearling Chinook was sampled as well as 13 pacific lamprey macropthalmia.

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

		Spill				
	River Flow	Powerhouse	Kcfs	% of River	Forebay	River Temp (°F)
This Week	98.3	92.5	0.0	0.0	158.9	44.3
Last Week						



### Section 3. Sample Numbers

## Section 4. Incidental Catch

Date	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	Pearmouth	Mort	Perch	Mort	Siberian Prawn	Mort	Sculpin	Mort	American Shad	Mort	Walleye	Mort	Sucker	Mort	Banded Killifish	Mort	<b>TOTAL GOOD</b>	Total Morts	<b>Grand Total</b>
5-Apr																																			15	0	15				
12-Apr																																			0	0	0				
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				
<b>Sub Total</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	15						
<b>Total</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						

## Section 5. Detailed Condition Data

Nothing to report.

## Section 6. Pictures



Pictured here are the collection tank and the discharge point on the downstream end of the dewatering screen.