

## Northern Wasco County PUD

Fish Condition Weekly Report #23-02

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

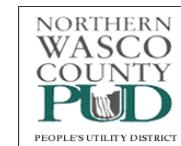
Project Biologist: Rick Martinson

### 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 the other fish sampled. Debris was minimal.

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

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



### Section 3. Sample Numbers

| Date         | Yearling Chinook |      |      | Subyearling Chinook |      |      | Steelhead   |       |       | Coho            |           |      | Sockeye |         |      | Total-<br>All<br>Species |          |          |
|--------------|------------------|------|------|---------------------|------|------|-------------|-------|-------|-----------------|-----------|------|---------|---------|------|--------------------------|----------|----------|
|              | Good             | Desc | Mort | Non Fry             |      |      | Chinook Fry |       |       | Total<br>Chin 0 | Unclipped |      |         | Clipped |      |                          |          |          |
|              |                  |      |      | Good                | Desc | Mort | Good        | Mort  | Good  |                 | 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      |                  |      |      | 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       | 1    | 0                        | 1        | 0, 4,996 |

#### **Section 4. Incidental Catch**

## Section 5. Detailed Condition Data

Nothing to report.

## Section 6. Pictures



### Subyearling Chinook fry in abundance.



Large (180mm) hatchery spring Chinook.