



# Nez Perce Tribe

## Department of Fisheries Resources Management

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### Lostine River Weir

#### Weekly Chinook Summary: July 24, 2024

#### Disposition Summary

- In-season adult return-to-tributary estimates were updated on June 12, 2024 to 326 natural-origin and 362 hatchery-origin adults.
- Brood stock collection goals are 48 natural-origin adults, 112 hatchery-origin adults, and 6 hatchery-origin jacks.
- Composition of adults passed upstream: 50% Hatchery (Sliding scale goal  $\leq 50\%$ )
- Composition of adults kept for brood: 30% Natural (Sliding scale goal  $\geq 30\%$ )

Table 1: Return year 2024 capture and disposition summary of Hatchery Chinook Salmon (Numbers in parentheses exclude re-captures).

| Disposition            | J       | F         | M         | Total [ $>630$ ] | Total [all] |
|------------------------|---------|-----------|-----------|------------------|-------------|
| Upstream Release       | 0 (0)   | 87 (85)   | 67 (67)   | 154 (152)        | 154 (152)   |
| Brood Collection       | 2 (2)   | 50 (50)   | 45 (45)   | 95 (95)          | 97 (97)     |
| Food Distribution      | 19 (19) | 15 (15)   | 17 (17)   | 32 (32)          | 51 (51)     |
| Wallowa River Outplant | 64 (64) | 19 (19)   | 19 (19)   | 38 (38)          | 102 (102)   |
| Recycled to Fishery    | 1 (1)   | 2 (2)     | 1 (1)     | 3 (3)            | 4 (4)       |
| Mortality              | 0 (0)   | 0 (0)     | 0 (0)     | 0 (0)            | 0 (0)       |
| Total                  | 86 (86) | 173 (171) | 149 (149) | 322 (320)        | 408 (406)   |

Table 2: Return year 2024 capture and disposition summary of Natural Chinook Salmon (Numbers in parentheses exclude recaptures).

| Disposition            | J       | F       | M         | Total [ $>630$ ] | Total [all] |
|------------------------|---------|---------|-----------|------------------|-------------|
| Upstream Release       | 33 (33) | 60 (60) | 96 (96)   | 156 (156)        | 189 (189)   |
| Brood Collection       | 0 (0)   | 21 (21) | 19 (19)   | 40 (40)          | 40 (40)     |
| Food Distribution      | 0 (0)   | 0 (0)   | 0 (0)     | 0 (0)            | 0 (0)       |
| Wallowa River Outplant | 0 (0)   | 0 (0)   | 0 (0)     | 0 (0)            | 0 (0)       |
| Recycled to Fishery    | 0 (0)   | 0 (0)   | 0 (0)     | 0 (0)            | 0 (0)       |
| Mortality              | 0 (0)   | 0 (0)   | 0 (0)     | 0 (0)            | 0 (0)       |
| Total                  | 33 (33) | 81 (81) | 115 (115) | 196 (196)        | 229 (229)   |

Table 3: Return year 2024 weekly summary of captured adult Chinook Salmon and Bull Trout, excluding recaptures. Broodstock collection for Chinook Salmon is shown in parenthesis. \*Asterisk indicates an incomplete week.

| Week Start | Natural Chinook | Hatchery Chinook | Bull Trout |
|------------|-----------------|------------------|------------|
| Jun 09     | 1 (0)           | 0 (0)            | 6          |
| Jun 16     | 16 (3)          | 18 (12)          | 17         |
| Jun 23     | 7 (2)           | 6 (4)            | 12         |
| Jun 30     | 39 (13)         | 90 (59)          | 17         |
| Jul 07     | 74 (22)         | 130 (11)         | 27         |
| Jul 14     | 50 (0)          | 66 (4)           | 8          |
| Jul 21*    | 9 (0)           | 10 (4)           | 0          |
| Total      | 196 (40)        | 320 (94)         | 87         |

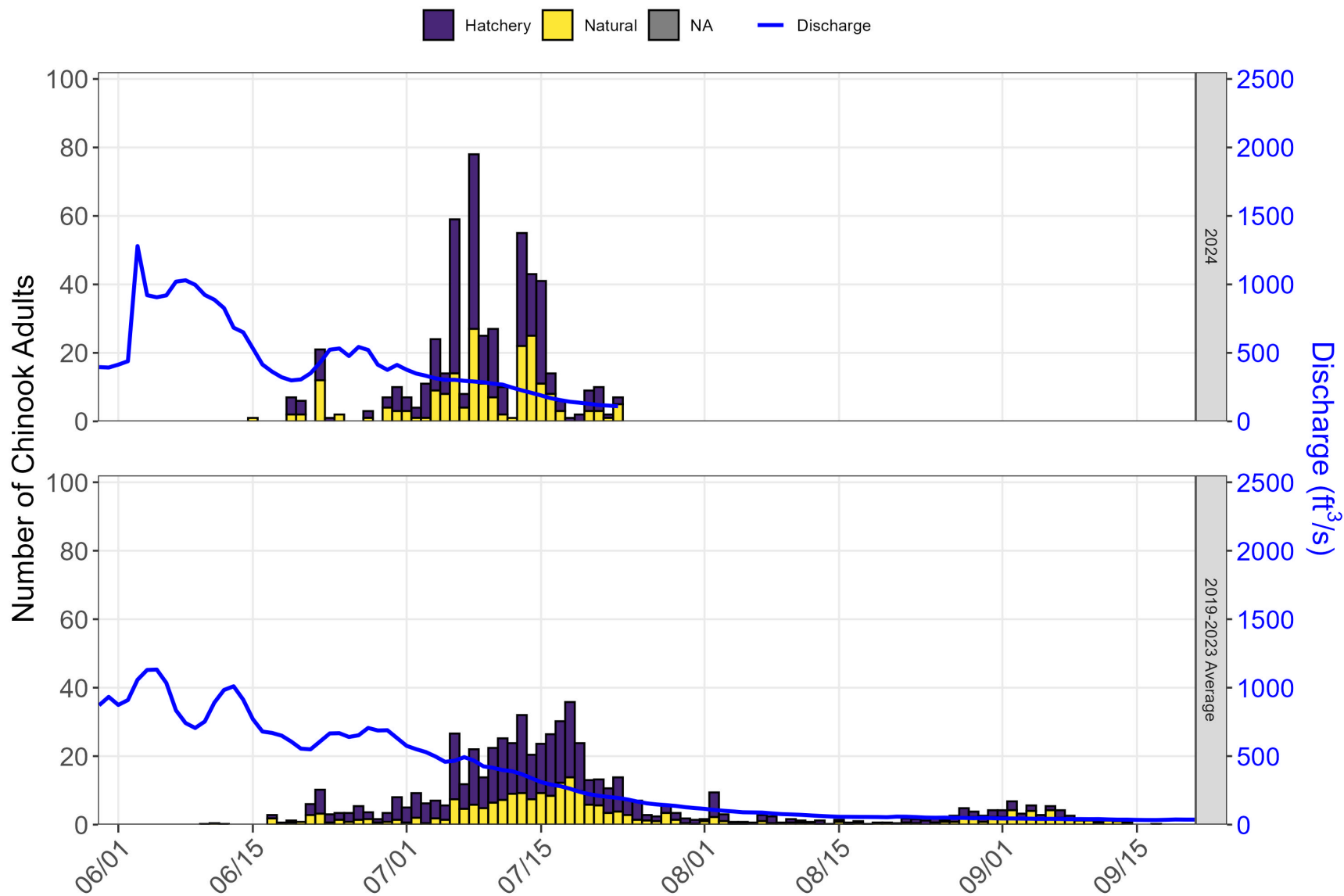


Figure 1: Return year 2024 (top panel) and five-year average (bottom panel) of mean daily discharge (cubic feet per second) and daily captures of hatchery- and natural-origin adult Chinook salmon at the Lostine River Weir. Discharge recorded at USGS station 1333000 located upstream of the town of Lostine.

### Distribution List

|                        |                          |
|------------------------|--------------------------|
| Beals, S (ODFW)        | Humphreys, J (TU)        |
| Brady, A (BPA)         | Johnson, B (NPT)         |
| Brandt, E (ODFW)       | Johnson, D (NPT)         |
| Bratcher, K (ODFW)     | Kozlowski, C (ODFW)      |
| Brigante, E (ODFW)     | Lance, M (ODFW)          |
| Bronson, P (CTUIR)     | Lemanski, J (ODFW)       |
| Bonifer, J (CTUIR)     | Maxwell, A (TU)          |
| Burak, G (FWS)         | McLean, M (CTUIR)        |
| Craft, N (ODFW)        | Nisbitt, K (Wallowa CTY) |
| Deal, D (ODFW)         | Oatman, J (NPT)          |
| Dittmer, J(ODFW)       | Rumelhart, R (NPT)       |
| Engle, R (FWS)         | Treadway, E (ODFW)       |
| Farnam, B (NOAA)       | Smith, J (ODFW)          |
| Feldhaus, J (ODFW)     | Vatland, S (NPT)         |
| Garza, Gabriel (ODFW)  | Villavicencio, A (NPT)   |
| Gee, S (ODFW)          | Vogel, J (NPT)           |
| Gibbs, A (ODFW)        | Watry, C (NPT)           |
| Greiner, M (ODFW)      | Wiese, N (USFWS)         |
| Hagenah, P (Landowner) | Wolfe, W (Landowner)     |
| Harbeck, J (NPT)       | Yanke, J (ODFW)          |
| Harrod, R (ODFW)       | Yearout, J (NPT)         |
| Hesse, J (NPT)         | Young, B (NPT)           |
|                        | Zollman, R (NPT)         |

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**Please direct questions regarding content of this report to:**

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