

# Adult Traps

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Roza Dam Adult Trap (Prosser Denil next year)

Prosser Adult Sampling

|  |                |              |                       |
|--|----------------|--------------|-----------------------|
| Date                                   | Time           | Species Code | Status                |
| 4/12/2022                              | 2:07 PM        |              | Wild Brood            |
| Fork                                   | MEH            | Weight       | Prosser Adult PIT Tag |
| <input type="checkbox"/> Adipose-clip? | Radio Tag Data |              | Recapture PIT Tag     |
| No                                     | CWT?           | Channel      | Code                  |
| <input type="checkbox"/> Ventral?      | 63             |              |                       |
| Brightness                             | Sex            | ScaleLoc     |                       |
| Comments                               | DNA Id:        |              |                       |
|  | ID #           | Init.        |                       |
|  | (New)          |              |                       |
| Coho Release Trib.                     |                |              |                       |

Roza Adult Collection

|                            |                             |                                      |                              |   |  |     |           |
|----------------------------|-----------------------------|--------------------------------------|------------------------------|---|--|-----|-----------|
| Species:                   | Roza Date                   | ID #                                 | Roza PIT Tag                 | Recap. PIT Tag  |  |     |           |
| WASCK                      | 4/12/2022                   | E+04                                 |                              |   |  |     |           |
| Fork                       | POH                         | Weight                               | Status                       | Origin  | Ad Clip?                               | Sex | Injection |
|                            |                             |                                      | Release                      |   | <input type="checkbox"/>               |     |           |
| Comments                   |                             |                                      |                              |   |  |     |           |
| Eye                        |                             | Elastomer Color                      |                              | CWT Body Location   |  |     |           |
| <input type="radio"/> Left | <input type="radio"/> Right | <input checked="" type="radio"/> Red | <input type="radio"/> Orange | <input type="radio"/> Green                                 | <input type="radio"/> Posterior Dorsal |     |           |
| Tube?                      | <input type="checkbox"/>    | <input type="checkbox"/> Snout Tag?  |                              | <input type="checkbox"/> LongTube? <input type="checkbox"/> |  |     |           |
| Radio Tag:                 | Channel                     | Code                                 | DNA Sample ID                | ScaleLoc  |  |     |           |

Adult Fish Trap Sampling 2

▼ Header

|   |   |                      |                           |
|---|---|----------------------|---------------------------|
| Ladder Code *   | Date *  | Operator Initials    |                           |
| ro (Roza)   | Tuesday, ...  |                      |                           |
| Default Species Refresh species field below to apply. | Default Purpose Refresh purpose field below to apply. | Last DNA # Steelhead | Last DNA # Spring Chinook |
|   |   | 0                    | 0                         |
| Last DNA # Fall Chinook                               | Last DNA # Sockeye                                    | Last DNA # Coho      |                           |
| 0   | 0   | 0                    |                           |

▼ Bulk Fish Count Warning: Once you click "+" in bulk fish to expand below you will be adding a record.

+

▼ Fish Trap (Repeat Samples)

▼ Metrics

|               |                                      |                                      |   |
|---------------|--------------------------------------|--------------------------------------|---|
| Time *        | Species *                            | Purpose? *                           | Sex *                                     |
| 4:44 PM       | (Refresh arrows to set from default) | (Refresh arrows to set from default) | (M, F, J, or P)                           |
| Fork Length * | POH Length *                         | Weight *                             | Recap PIT Tag Click in field before scan. |
|               |                                      |                                      |   |

▼ Tags

|  |  |   |  |
|--|--|---|--|
| Elastomer Eye                                      | Elastomer Color  | CWT? *  | Ad Clip? (autopopulated from origin or enter here) *             |
| <input type="radio"/> L<br><input type="radio"/> R | <input type="radio"/> Red<br><input type="radio"/> Orange<br><input type="radio"/> Green | <input type="radio"/> Snout<br><input type="radio"/> Post-dorsal<br><input checked="" type="radio"/> None | <input type="radio"/> Yes<br><input checked="" type="radio"/> No |
| Origin (autopopulated from tags or enter here) *   | Species Code Assignment  | Brood PIT Tag Click in field before scan.   |  |
| wild/natural                                       |  |   |  |

▼ Samples

|  |  |
|--|--|
| DNA Sample? *  | Scale Sample? *  |
| <input type="radio"/> Yes<br><input checked="" type="radio"/> No | <input type="radio"/> Yes<br><input checked="" type="radio"/> No |

Comment

1 of 1

Count of records

1

# Adult Trapping & Dam Counts

## Prosser Video Counts

frmFISH ENTRY

### FISH TABLE DATA ENTRY

Fish Passage Date

Ladder

Spp

Passage Time

Viewer

Mark Name

Multiplier

Est. Fk Lgth

Record: 1 of 1

Unfiltered

Search

### Adult Fish Passage

#### Date & Ladder Header Page

Enter data on this page once and do not change. Open & submit a new form for a new date, ladder, or viewer.

Passage Month  
1 through 12  
1

Passage Day  
1 through month end  
28

Passage Year  
four-digit year greater than 2021  
2022

Ladder  \*  
Options: ca, ce, lf, pb, ro, rt, vr1, vr2  
ca

Viewer  \*  
Options: F, J, W, Temp  
F

To enter fish data, use arrow on bottom right to go to next page >>

1 of 2



### Adult Fish Passage

#### Fish Data Page

Fish Data Entry

Press "+" at bottom to add a fish. Press the checkmark when done to submit.

Fish Passage Date  
1/28/22

Ladder  
ca

Species  \*  
Options:  
1) h/w + a/j + coh/fck/sck/sum/fkco/spp  
2) h/w + sth/sock  
3) brwntr, bulltr, raintr, lamp, smbass  
hsth

Military Time \*  
must have two digits before and after colon, eg. 03:25  
03:25

1 of 1

2 of 2

# Juvenile Trapping

- Screwtraps (Yakima Basin) ~5 yr.
- Survey123 Form, rugged tablets
- Pittag entry
- Staff in Wenatchee using laptop, P4 export

Screw Trap Data Entry2

▼ Header

Location Name \*

Date \*

Initials \*

Time \*

Fishing \*  Yes  No

Rotating \*  Yes  No

Air Temp (F)

Water Temp (F)

Staff Gage (#.##)

Efficiency Test \*  Yes  No

Cloud (%)

Seconds per 1 final rotation

Debris Size Diameter (in)  none  <2"  2-5"  >5"

Water Clarity (in)  <6"  6-12"  >12"

PIT Tag File

PIT Tag Vial 1

PIT Tag Vial 2

▼ Individual Fish Log

Species

Length (mm)

Warning: Length out of normal range (is >300mm) or is empty.

Weight (g)

Smolted  1  2  3

Recap  Yes  No

Mortality  Yes  No

PIT Tag (Full String)  
(Click in this field, then scan the tag. Note: Keyboard app must be left open in the background)

PIT Tag (Clipped)  
(appears automatically)

Individual Fish Comments  
(fish condition, mark for efficiency test, other species, etc.)

DNA Slot No.

Scale Card No.

1 of 1

▼ Juvenile Bulk Fish Count

Species

How many? \*

Comment

1 of 1

▼ Fish Count Summary

Total Fish Count

|                      |                    |                    |                 |
|----------------------|--------------------|--------------------|-----------------|
| sthd fish count      | lamprey fish count | Chinook fish count | coho fish count |
| <input type="text"/> | 0                  | 0                  | 0               |


General Comment

HONOR. PROTECT. RESTORE.

Yakama Nation Fisheries

# Juvenile Trapping

<https://dashboard.yakamafish-star.net/dashboard>



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**Tip:** Hover over the magnifying glass at the top of the table to see filter options. If downloading data, please only download one year at a time to avoid getting bogged down.

New Entry   Export to Excel

|   |                      | Location        | Date ↓   | Time          | Fishing                             | Fish Count | # Tag | Eff. Recap | Mort | Avg. Len | Avg. Wt | Mort % | Min/Max |
|---|----------------------|-----------------|----------|---------------|-------------------------------------|------------|-------|------------|------|----------|---------|--------|---------|
|   |                      |                 | 4/9/2022 |               | (All)                               |            |       |            |      |          |         |        |         |
| ▶ | <a href="#">Edit</a> | Lower Toppenish | 4/9/2022 | 09:48:00.0... | <input checked="" type="checkbox"/> |            |       |            |      |          |         |        |         |
| ▼ | <a href="#">Edit</a> | Upper Toppenish | 4/9/2022 | 10:57:00.0... | <input checked="" type="checkbox"/> | 2          | 2     | 0          | 0    | 169.00   | 54.05   | 0      | 168/170 |

|                             |                               |                                 |
|-----------------------------|-------------------------------|---------------------------------|
| <b>Rotating:</b> true       | <b>Efficiency Test:</b> false | <b>Debris Size Diameter:</b> <2 |
| <b>Seconds/Rotation:</b> 15 | <b>Efficiency Test No:</b>    | <b>Water Clarity:</b> >12       |
| <b>Pit Tag Vial 1:</b>      | <b>Water Temp:</b> 48         | <b>Cloud Percentage:</b>        |
| <b>Pit Tag Vial 2:</b>      | <b>Air Temp:</b> 50           | <b>Staff Gage:</b>              |
| <b>Initials:</b> Jr         | <b>Bulk Count:</b> 0          |                                 |

**General Comments:**

| Species   | Length | Weight | Smolted | Recap                    | Mortality                | PITTag No      | Individual Fi... | DNAVial No | Scale Card ... | Condition F... |
|-----------|--------|--------|---------|--------------------------|--------------------------|----------------|------------------|------------|----------------|----------------|
| steelhead | 168    | 52.6   | 2       | <input type="checkbox"/> | <input type="checkbox"/> | 3DD.0077D62E06 |                  | 19         | 4              | 1.10932269...  |
| steelhead | 170    | 55.5   | 3       | <input type="checkbox"/> | <input type="checkbox"/> | 3DD.0077D5F9C6 |                  | 18         | 4              | 1.12965601...  |




# Juvenile Trapping

<https://dashboard.yakamafish-star.net/dashboard>



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## Steelhead Juvenile Abundance Estimates

Location:  ▾

Go

Export

Show  ▾ entries

| YEAR        | NUMBER CAPTURED | NUMBER CAPTURED ADJUSTED | NUMBER PIT TAGGED | SEASON (DAYS) | DAYS NOT OPERATING | % OF SEASON NOT OPERATED | NUMBER RELEASED | NUMBER RECAPTURED | POOLED EFFICIENCY | POOLED ESTIMATE | OUTMIGRANT ABUNDANCE ESTIMATE | ESTIMATED STANDARD ERROR | CV    | 95% CI + OR - | PRODUCTION |
|-------------|-----------------|--------------------------|-------------------|---------------|--------------------|--------------------------|-----------------|-------------------|-------------------|-----------------|-------------------------------|--------------------------|-------|---------------|------------|
| 2016 - 2017 | 659             | 659                      | 605               | 249           | 9                  | 3.61                     | 604             | 46                | 7.62              | 8653            | 10464                         | 2133                     | 20.38 | 4180.68       | 137.5      |
| 2017 - 2018 | 1524            | 1524                     | 1459              | 240           | 0                  | 0                        | 1361            | 102               | 7.49              | 8643            | 25418                         | 3208                     | 12.62 | 6287.68       | 334.01     |
| 2018 - 2019 | 1819            | 1831                     | 1296              | 238           | 6                  | 2.94                     | 1270            | 158               | 12.44             |                 | 15102                         | 13554                    | 8.97  | 2653.84       | 198.45     |
| 2019 - 2020 | 1576            |                          | 1335              | 157           | 0                  | 0                        | 1154            | 99                | 8.58              |                 |                               |                          |       |               |            |
| 2020 - 2021 | 1387            |                          | 1124              | 204           | 2                  | 0.98                     | 730             | 63                | 8.63              |                 |                               |                          |       |               |            |
| 2021 -      | 365             |                          | 340               | 148           | 0                  | 0                        | 264             | 17                | 6.44              |                 |                               |                          |       |               |            |