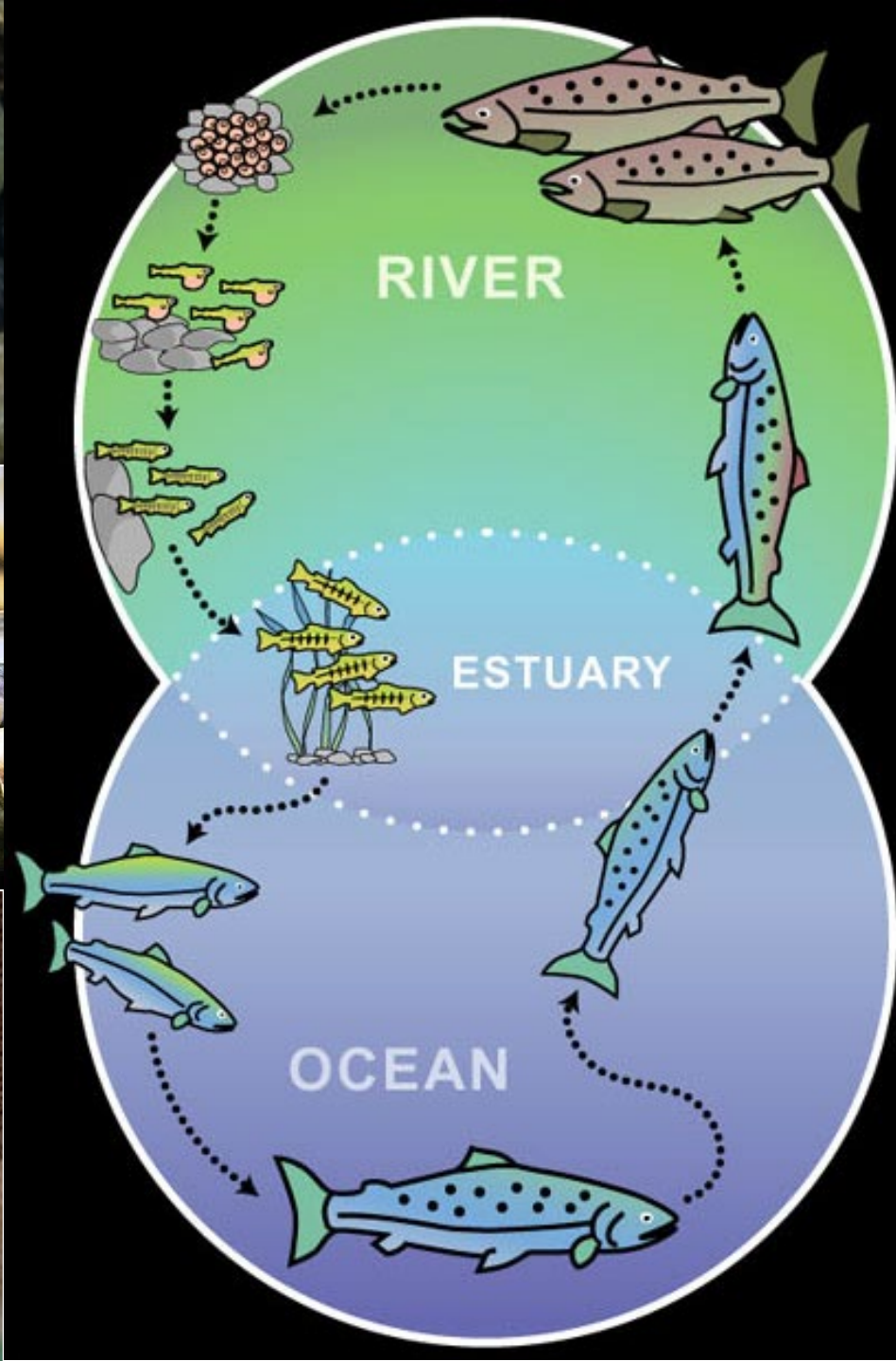




Miller-Walker
Community Salmon
Investigation

2023 Results

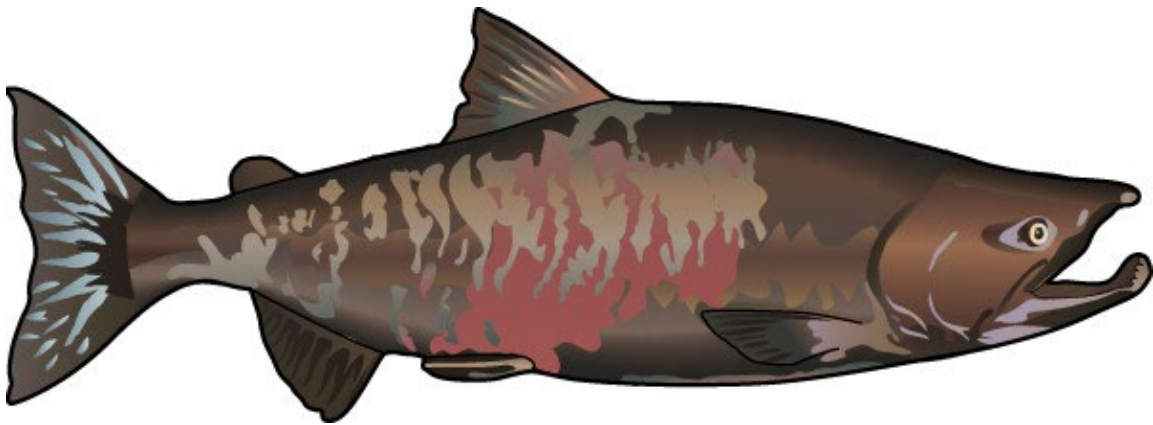




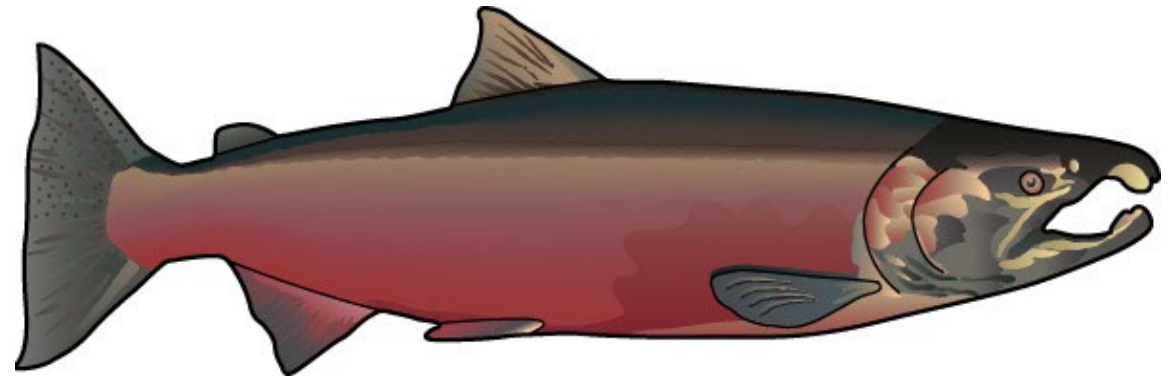
Why CSI?

- Salmon tell us about ecosystem health. They tie together land, rivers, and ocean.
- Urban Runoff Mortality Syndrome
- Community awareness and action

What types of salmon are in Miller and Walker Creeks?



CHUM

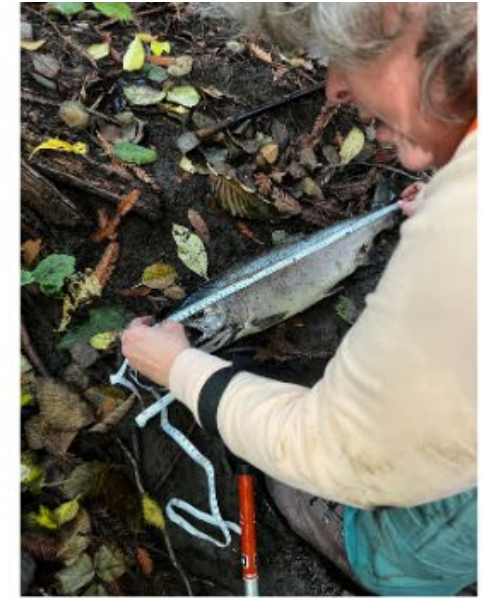
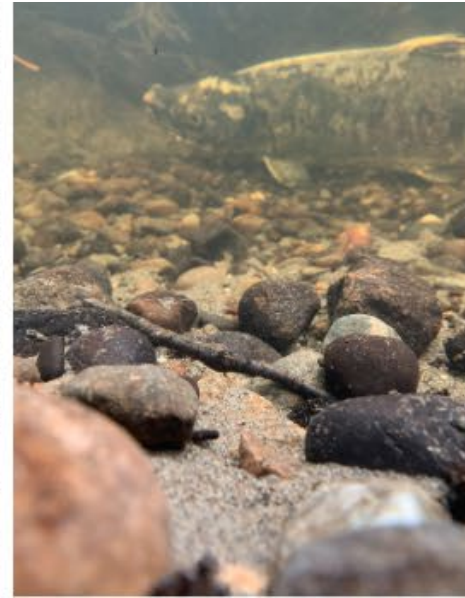


COHO

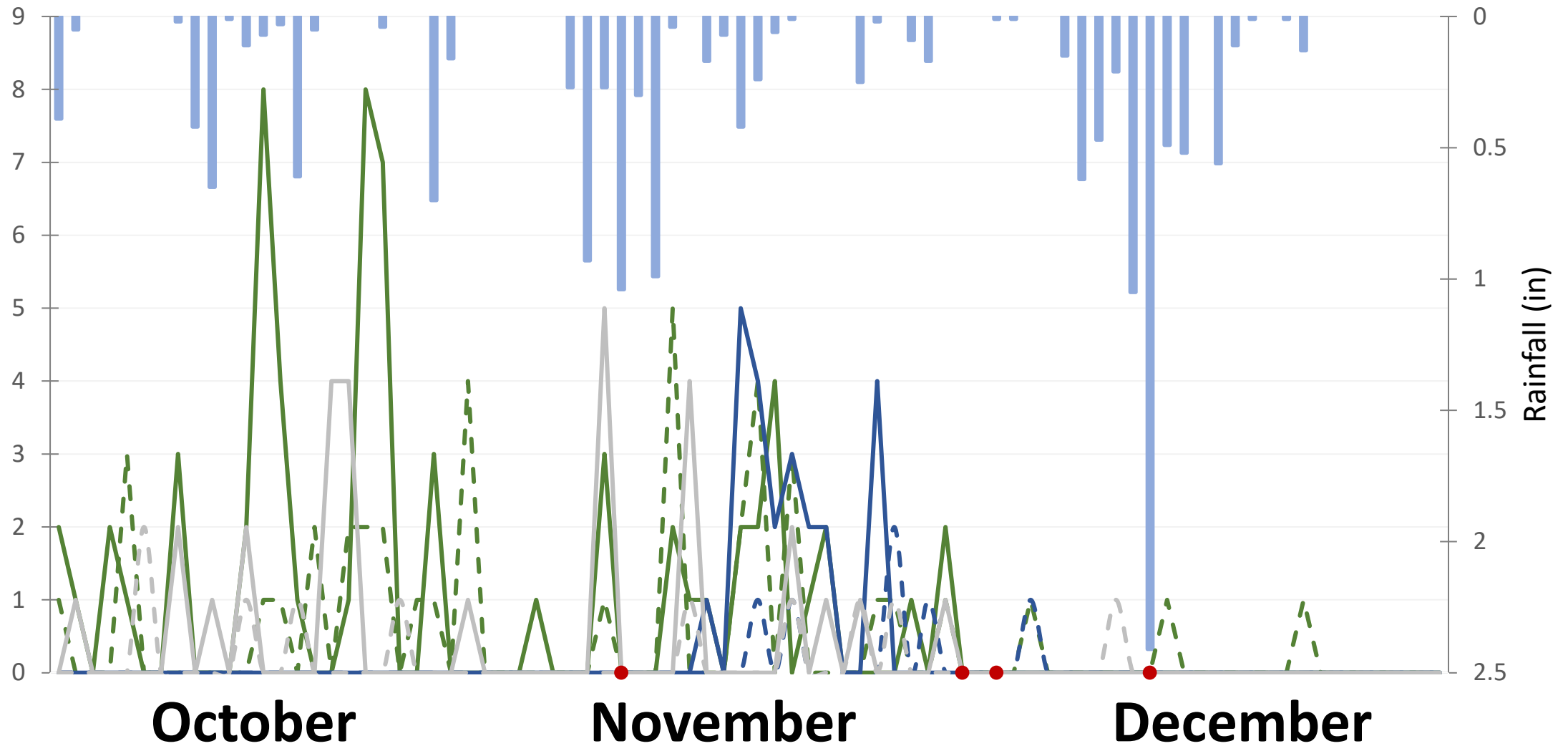
2023 CSI in Action!



44 volunteers; **441** hours!!



When did we find fish?



Legend:

- Precipitation (inches)
- Live Coho
- Dead Coho
- Live Chum
- Dead Chum
- Live Unknown
- Dead Unknown
- No survey

LIVE FISH OBSERVATIONS



Where did we see live salmon?



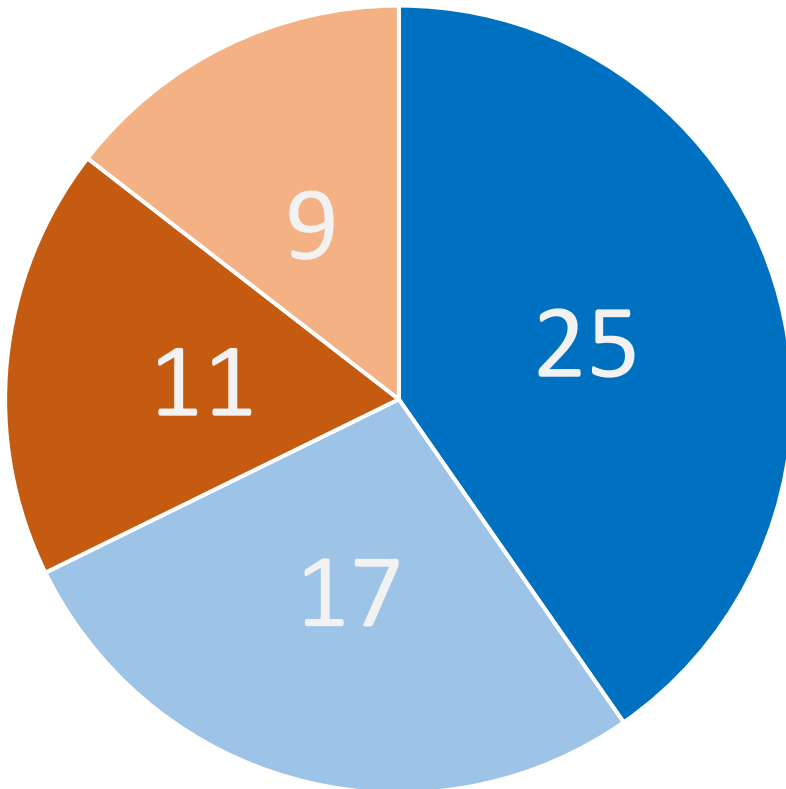
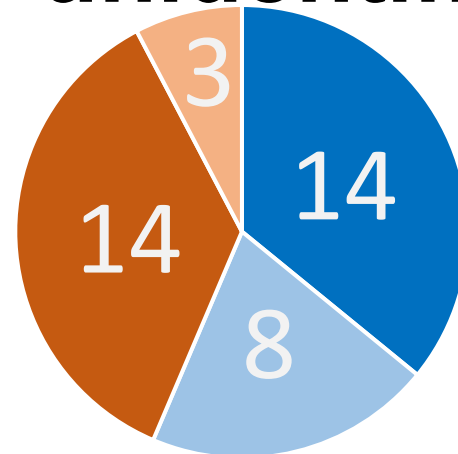
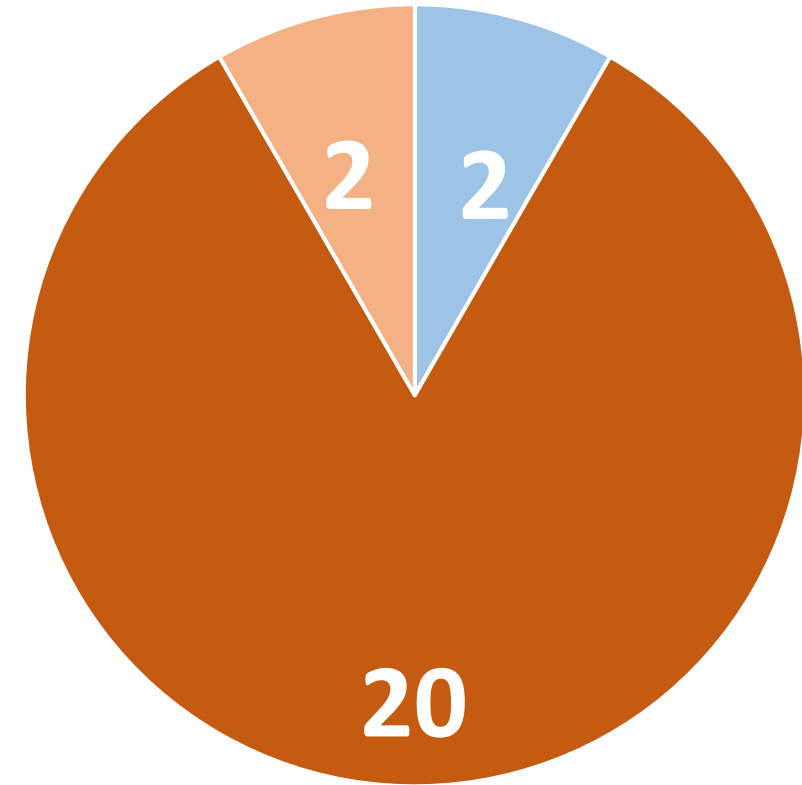
62 coho



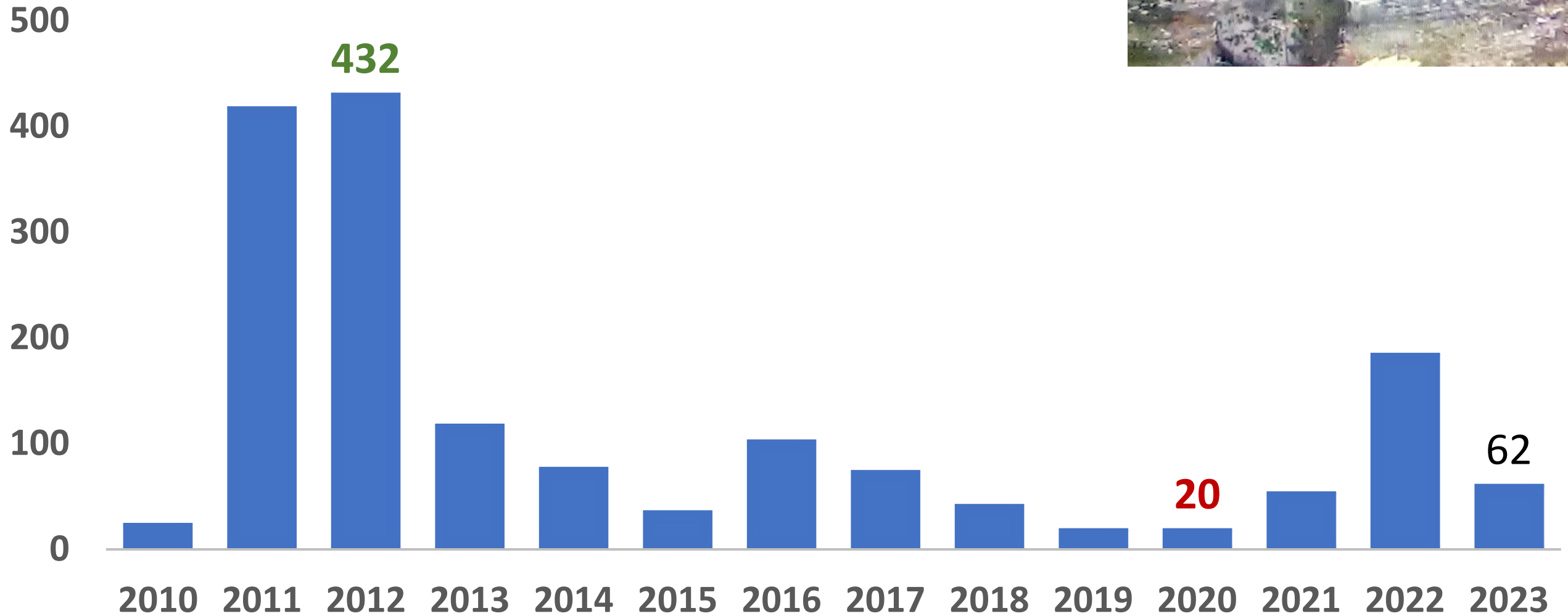
39 unidentified



24 chum

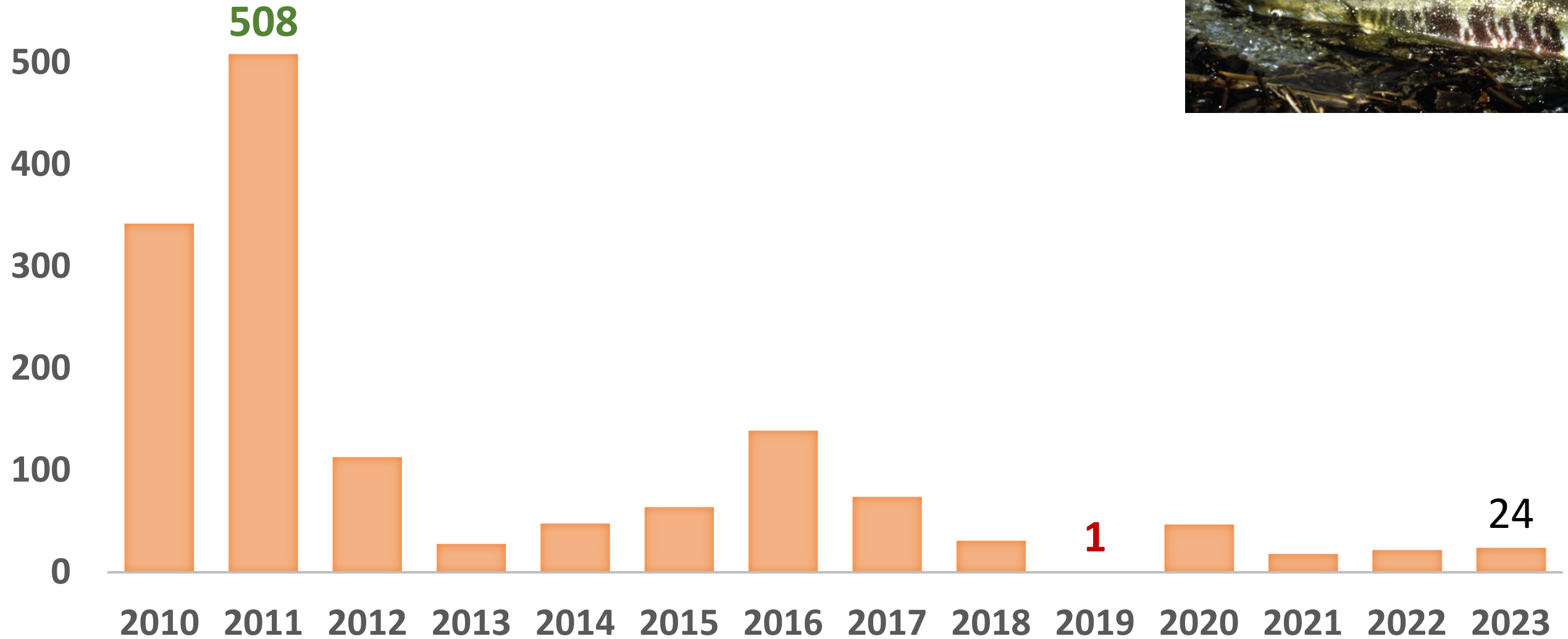


Live coho: 2023 in context



10-yr average = 68 coho

Live chum: 2023 in context



10-yr average = 47 chum

CARCASS OBSERVATIONS







**3 pre-spawn females
had predation marks**



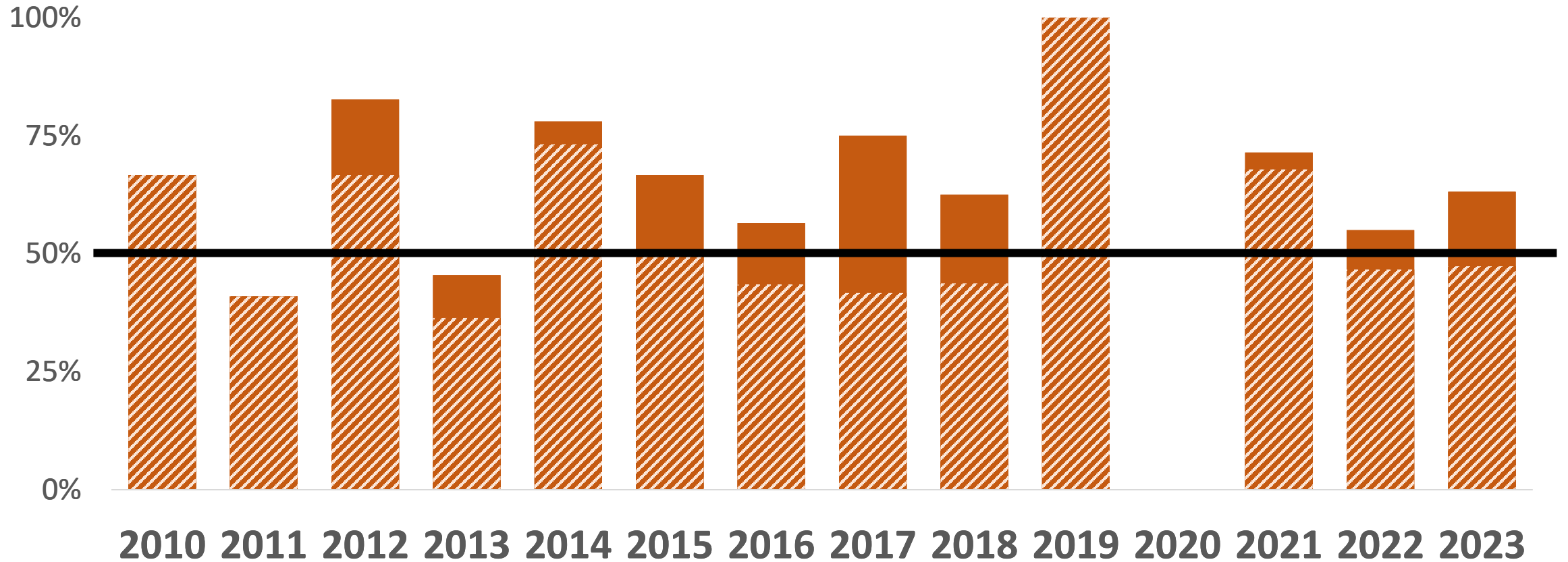
**9 pre-spawn females
had no signs of
predation**



**7 females
spawned/uncertain status
due to heavy predation or
degradation**

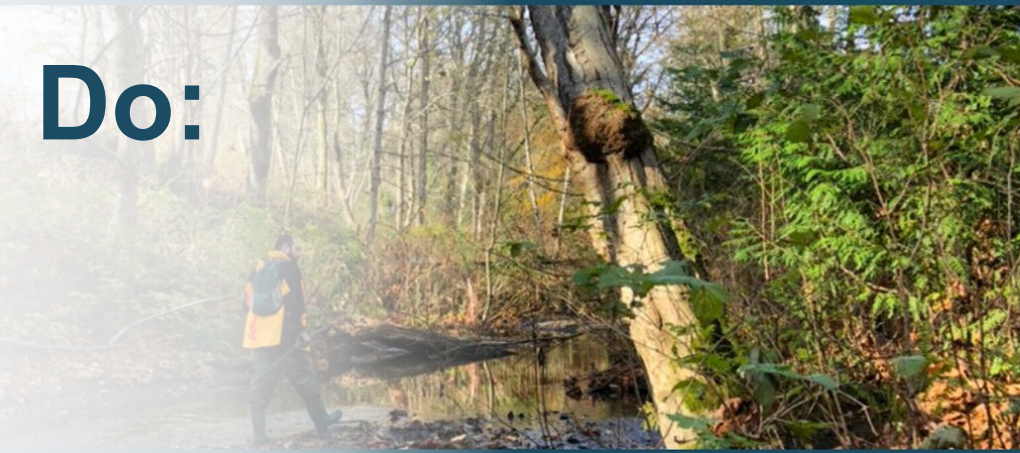
How many female coho died before spawning?

Female Coho Pre-Spawn Mortality in Miller and Walker Creeks



Things *You Can Do*:

- Clean up runoff
- Remove ivy & save your trees
- Leave downed logs and branches in the stream
- **Volunteer!**



Thank you!





JUVENILE COHO RELEASE

Saturday, February 3, 10 AM

Trout Unlimited hatchery

Southwest Suburban Sewer District
1015 SW 174th Pl, Normandy Park



Miller Creek Trail

March 16, April 20, May 18, Nov 9

Walker Preserve

March 23, April 27, May 4, Nov 16

Iris Kemp

ikemp@kingcounty.gov

www.kingcounty.gov/miller-walker



Miller-Walker Basin Local partners working together for clean water and healthy streams

SALMON VIEW PARK



Conceptual Design
Salmon View Park

LEGEND



Salmon View Park



2024 Acquisition



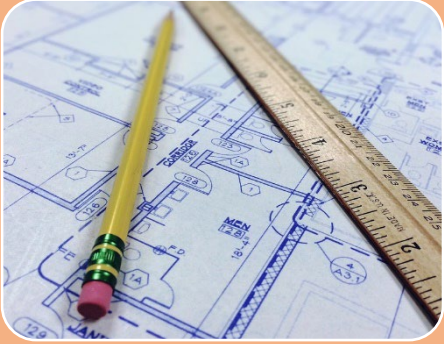
2023 Acquisition



Streams



Interpretive Trail with Signs



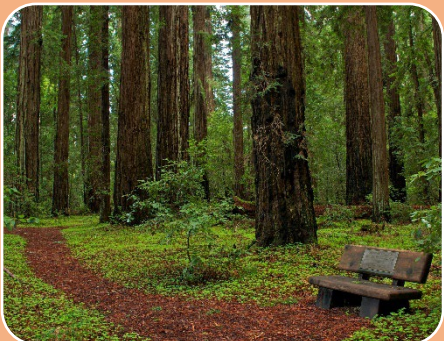
Phase I – Acquisition and Design

- Property Acquisition
- Design



Phase II – Demolition and Construction

- Demolition
- Culvert Removal
- Creek Realignment



Phase III – Salmon View Park

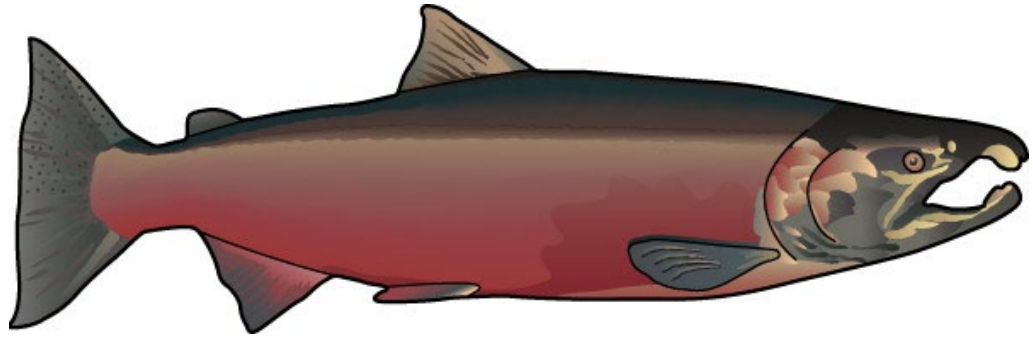
- Park and Trail Design
- PROS Plan



Salmon View Park Trail

- ❖ Miller Creek Segment
- ❖ Walker/Sequoia Creek Segment





Coho Salmon & Car Tires

Please welcome Dr. Ed Kolodziej and Marlee Brown!