



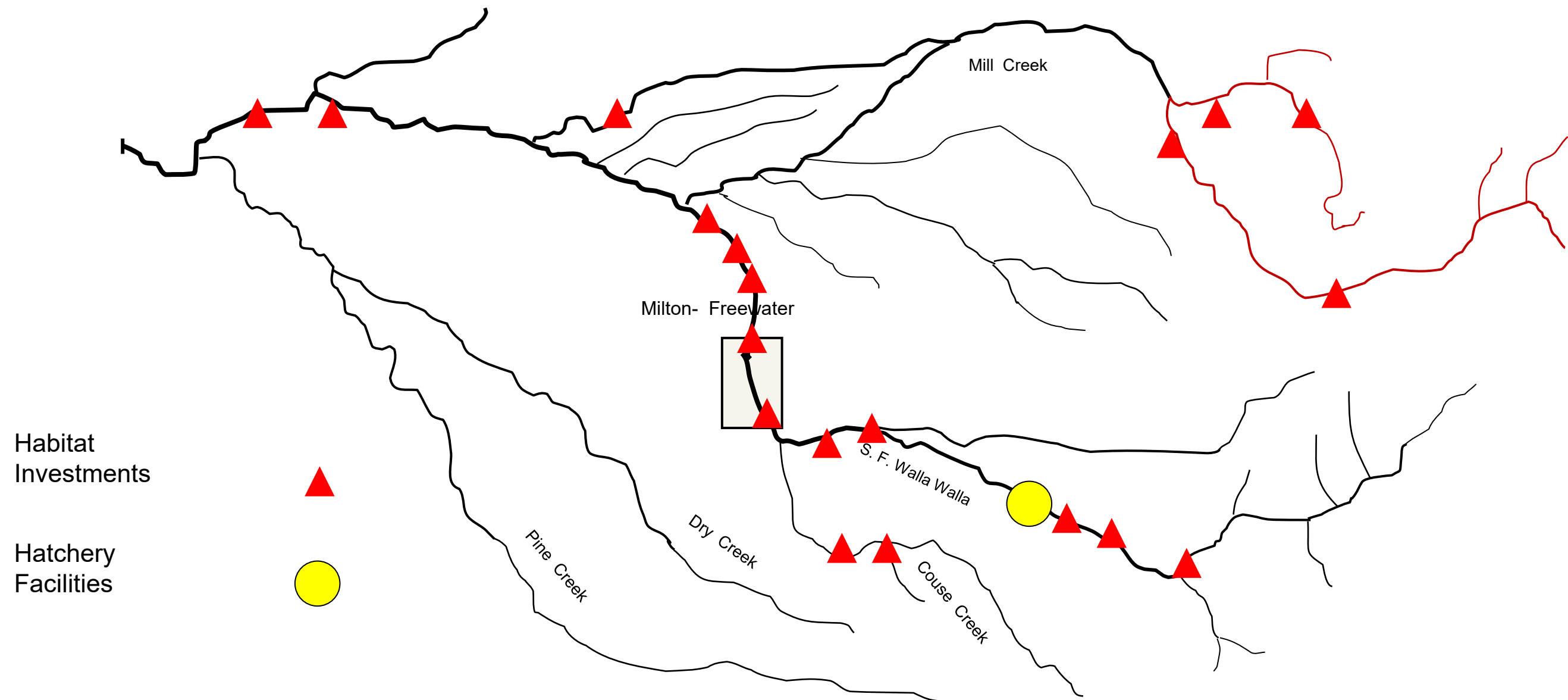
CONFEDERATED TRIBES OF THE
UMATILLA INDIAN RESERVATION

?Imtwaha Fish Hatchery

Jen Krajcik

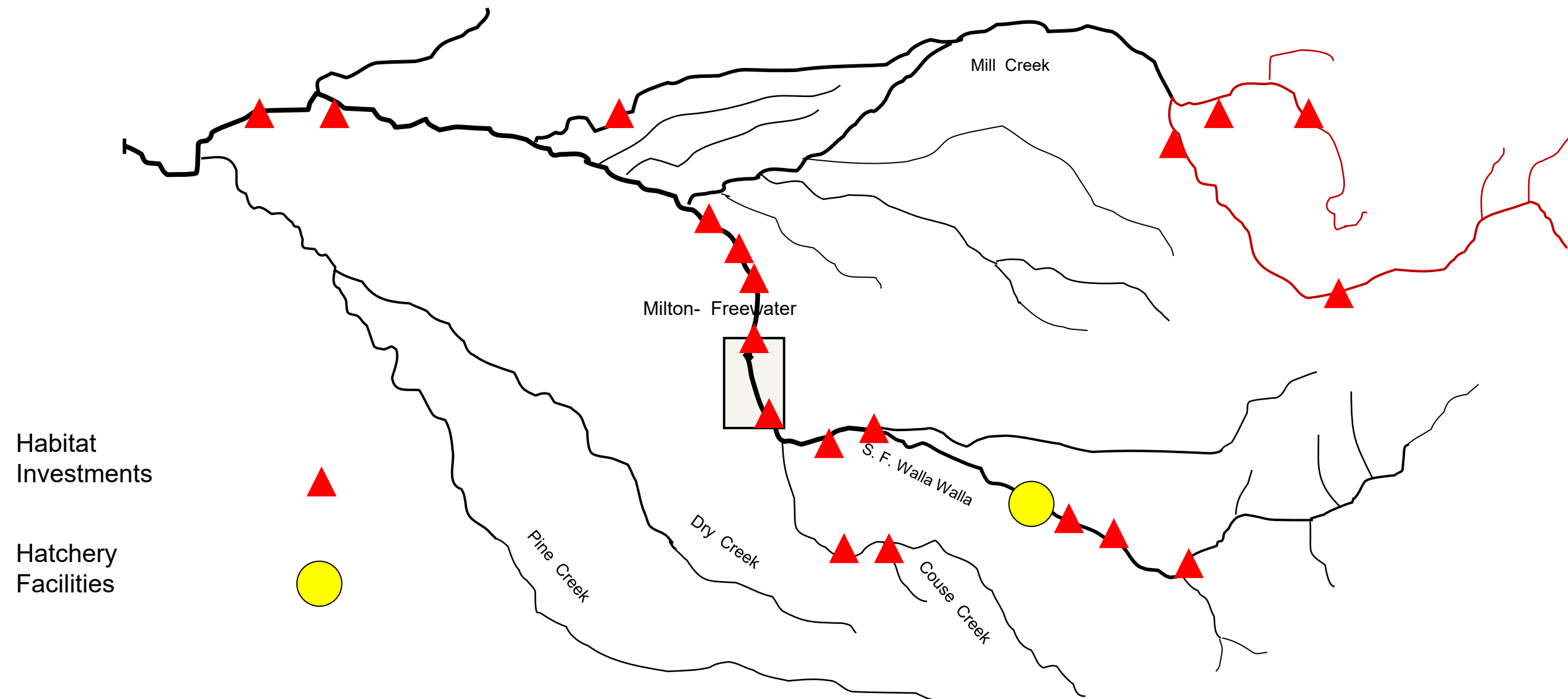
Artificial Production Supervisor

Why do we need a Hatchery program in the Walla Walla Basin?



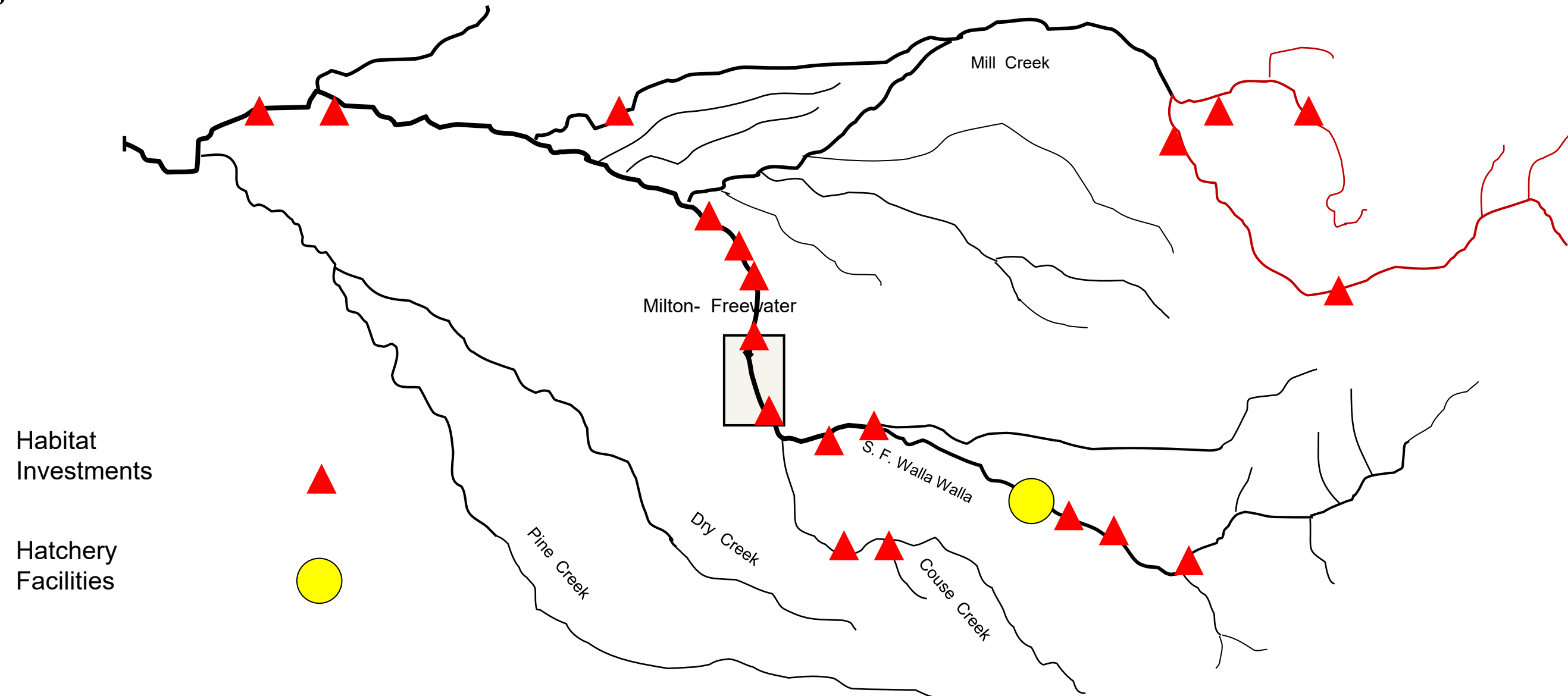
Why do we need a Hatchery program in the Walla Walla Basin?

- Spring Chinook extirpated from basin



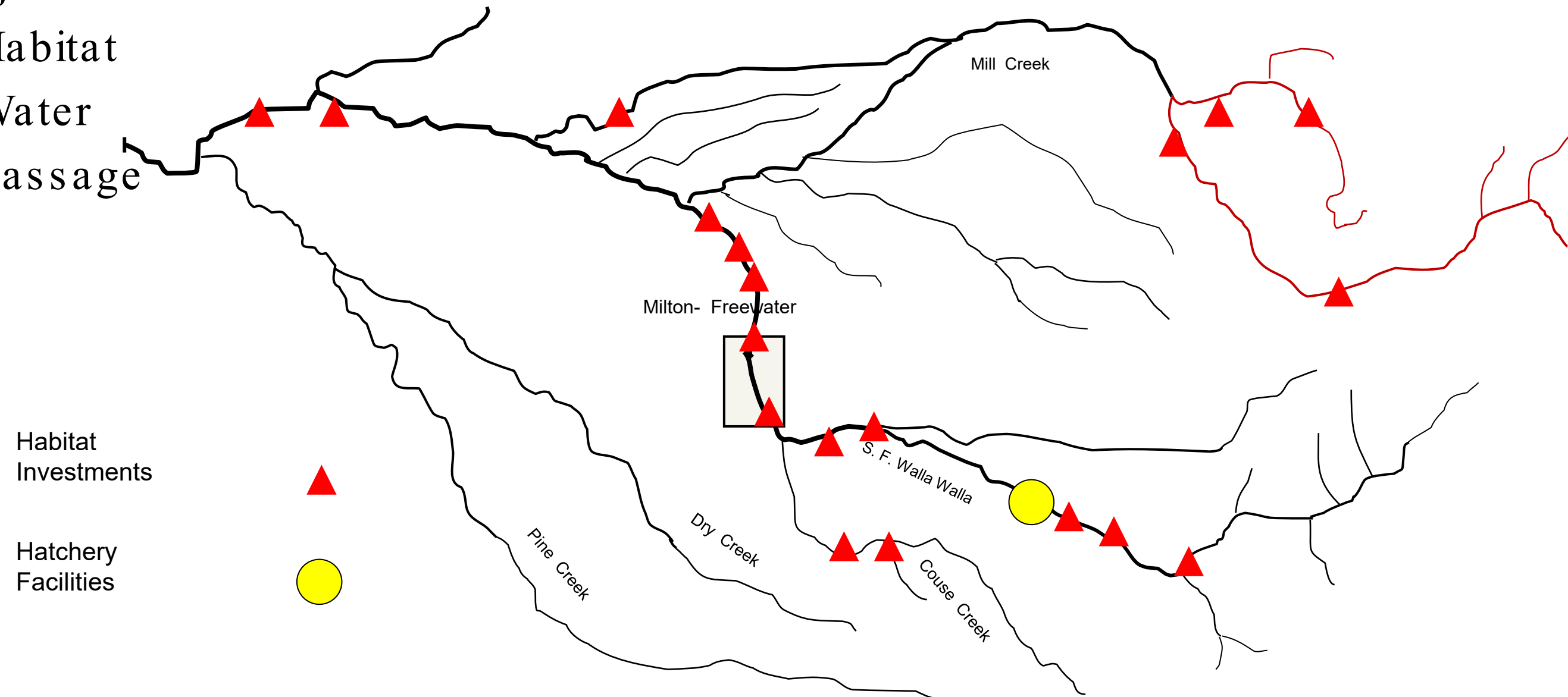
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Why do we need a Hatchery program in the Walla Walla Basin?

- Spring Chinook extirpated from basin
- Major hurdles to reintroduction
 - Habitat
 - Water
 - Passage



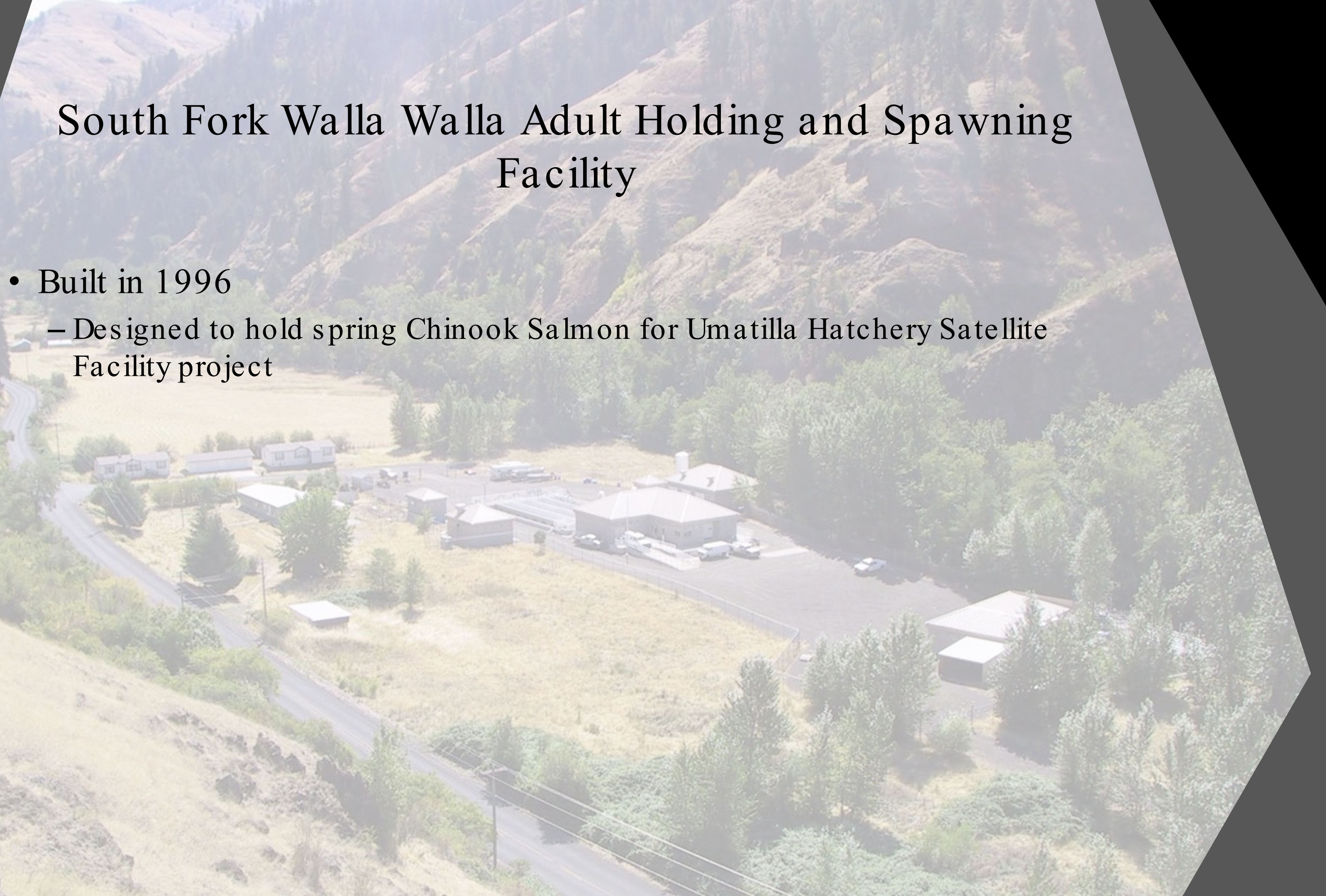
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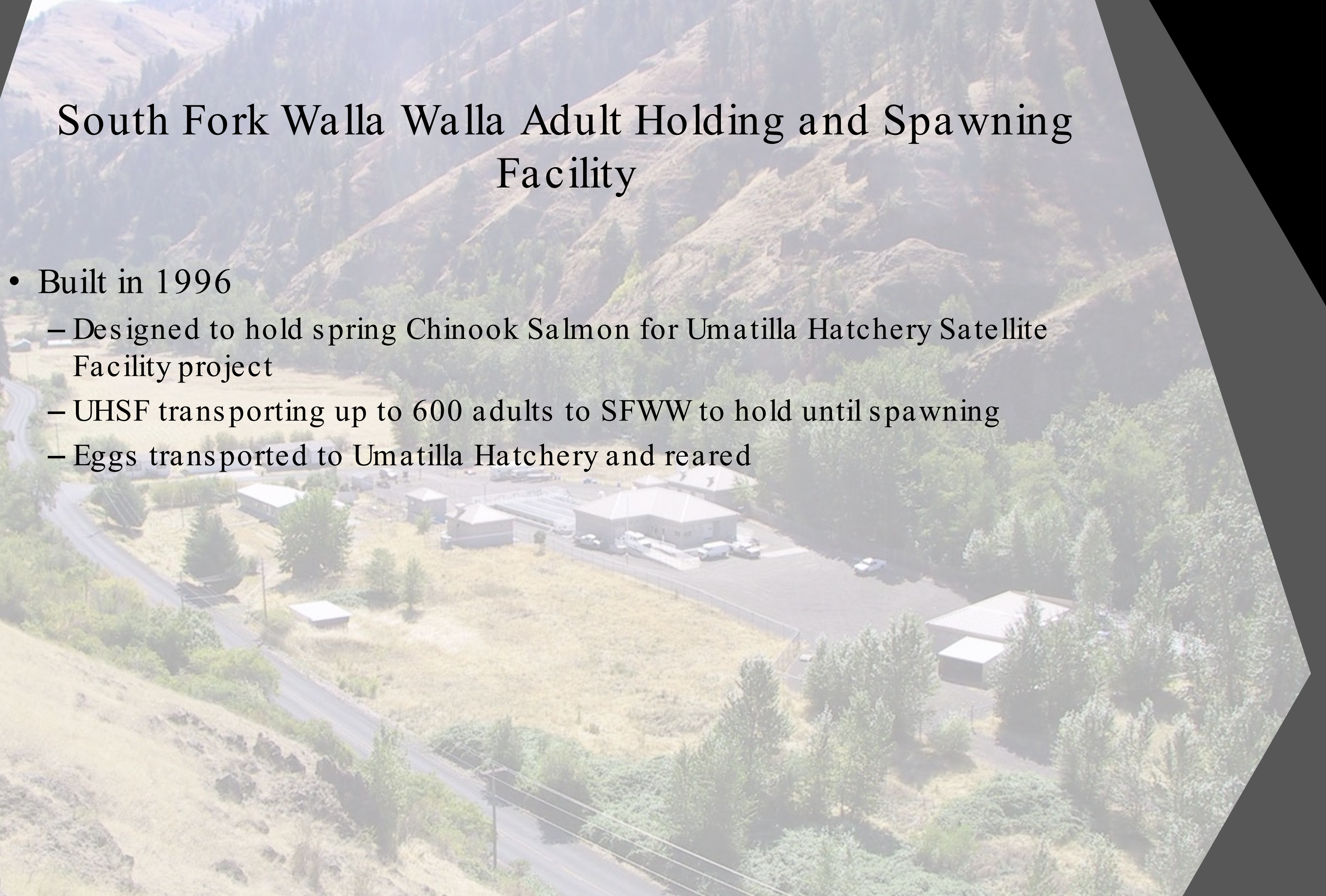
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 - Eggs transported to Umatilla Hatchery and reared



Walla Walla Master Plan

WALLA WALLA SPRING CHINOOK HATCHERY MASTER PLAN

Prepared by the
Confederated Tribes of the Umatilla Indian Reservation

and

Jones and Stokes



August 2008

Walla Walla Master Plan

- Completed in 2008
 - Attempted in 1993 and 1998

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- Basis for current implementation

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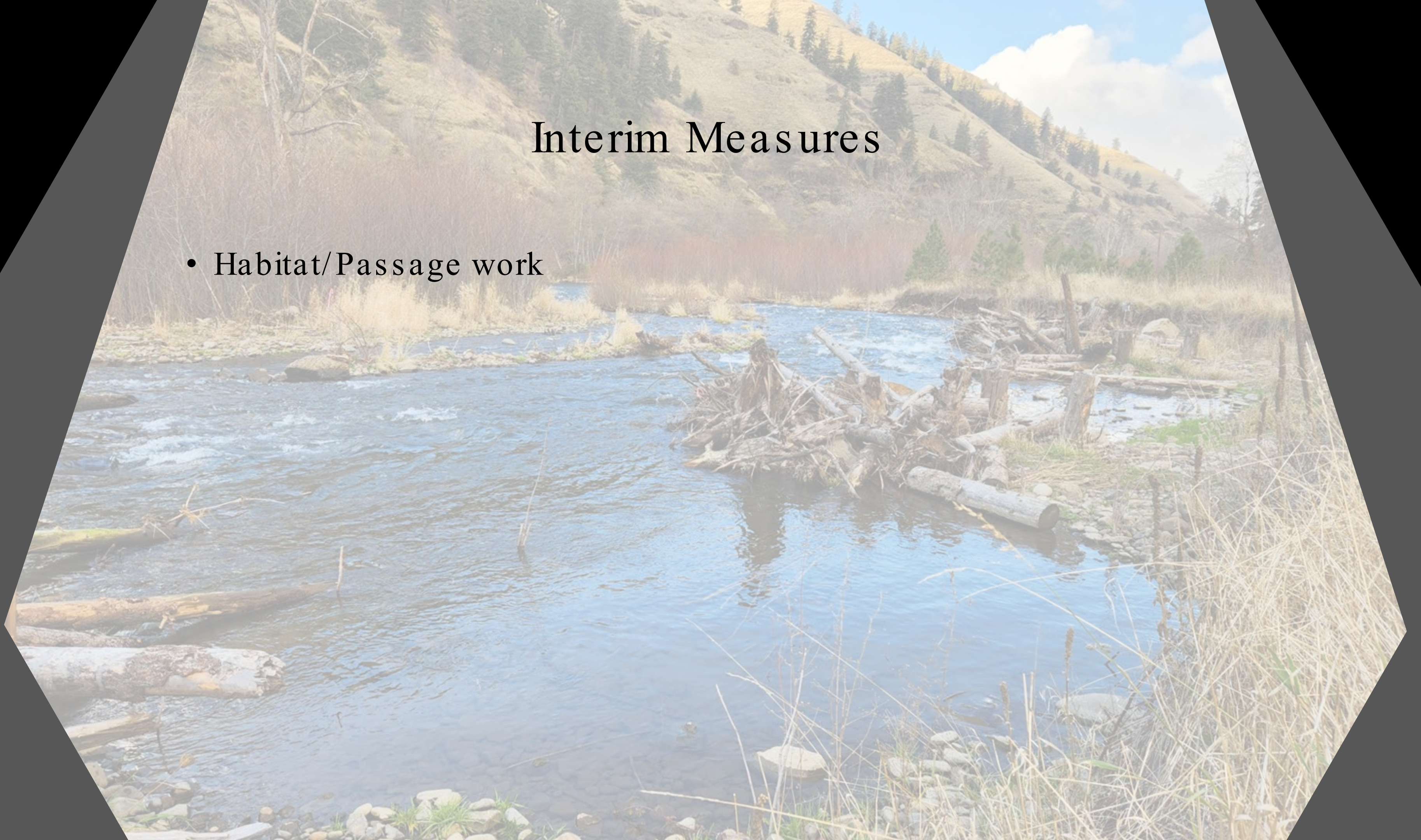
August 2008

Interim Measures



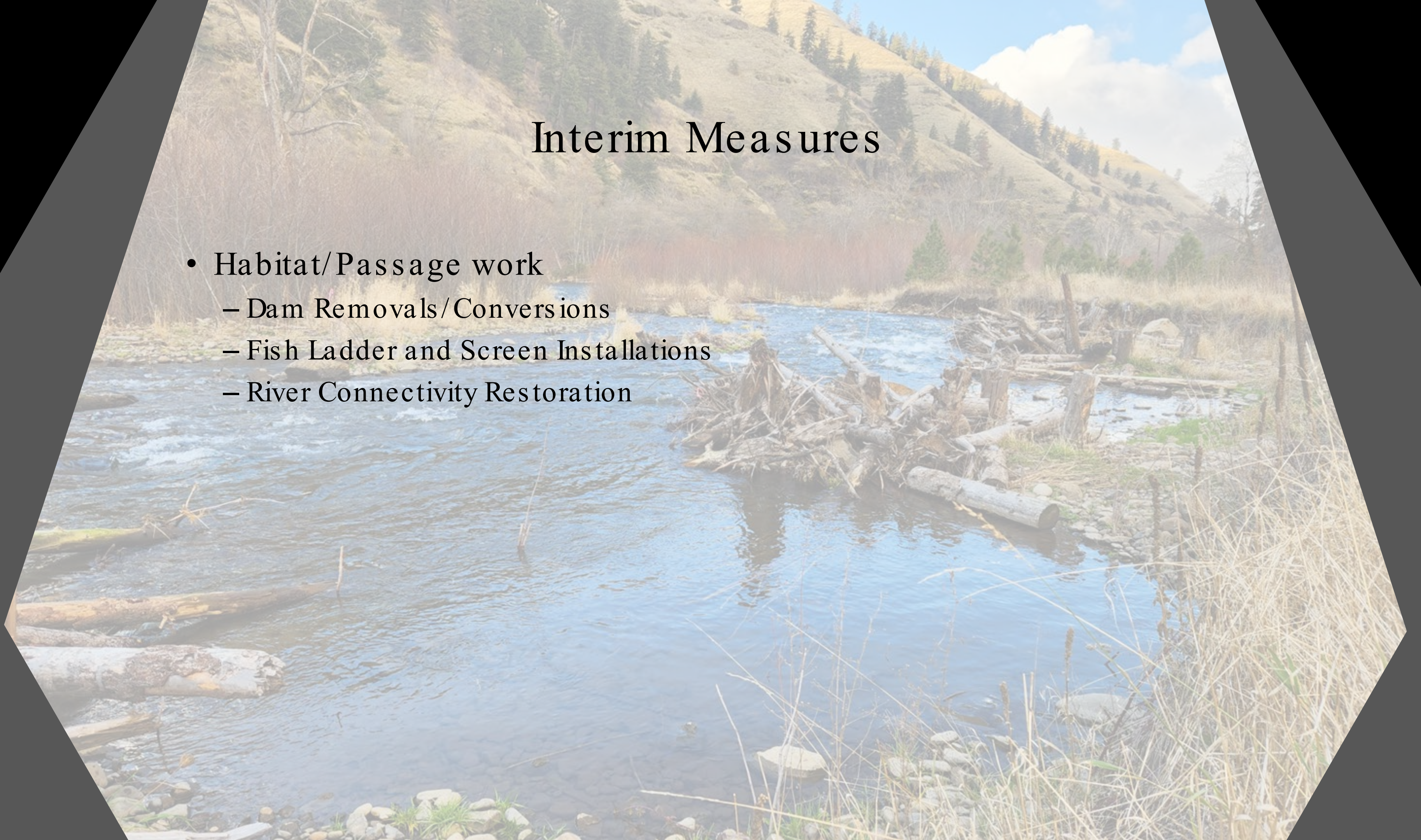
Interim Measures

- Habitat/Passage work



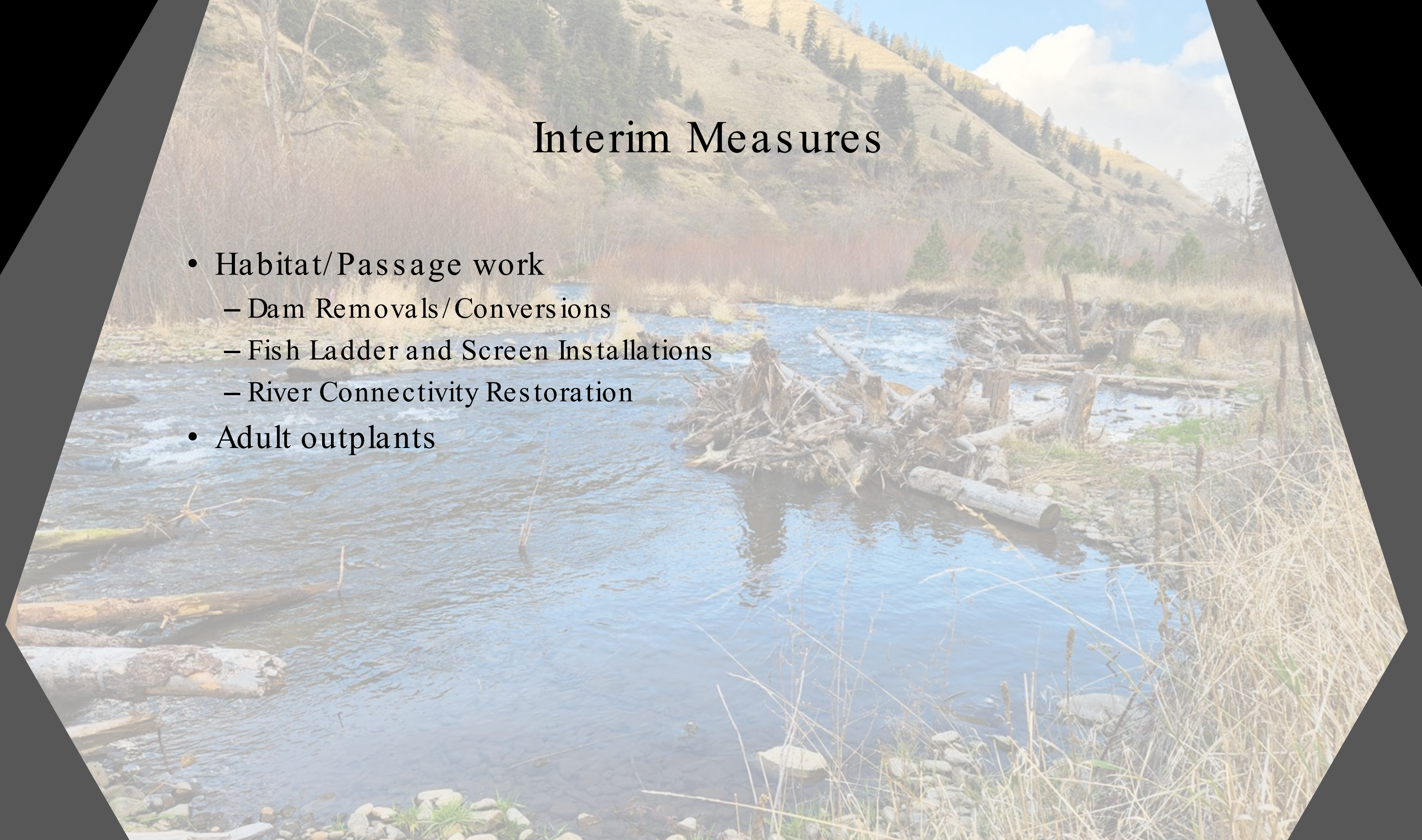
Interim Measures

- Habitat/Passage work
 - Dam Removals/Conversions
 - Fish Ladder and Screen Installations
 - River Connectivity Restoration



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- Smolt Releases

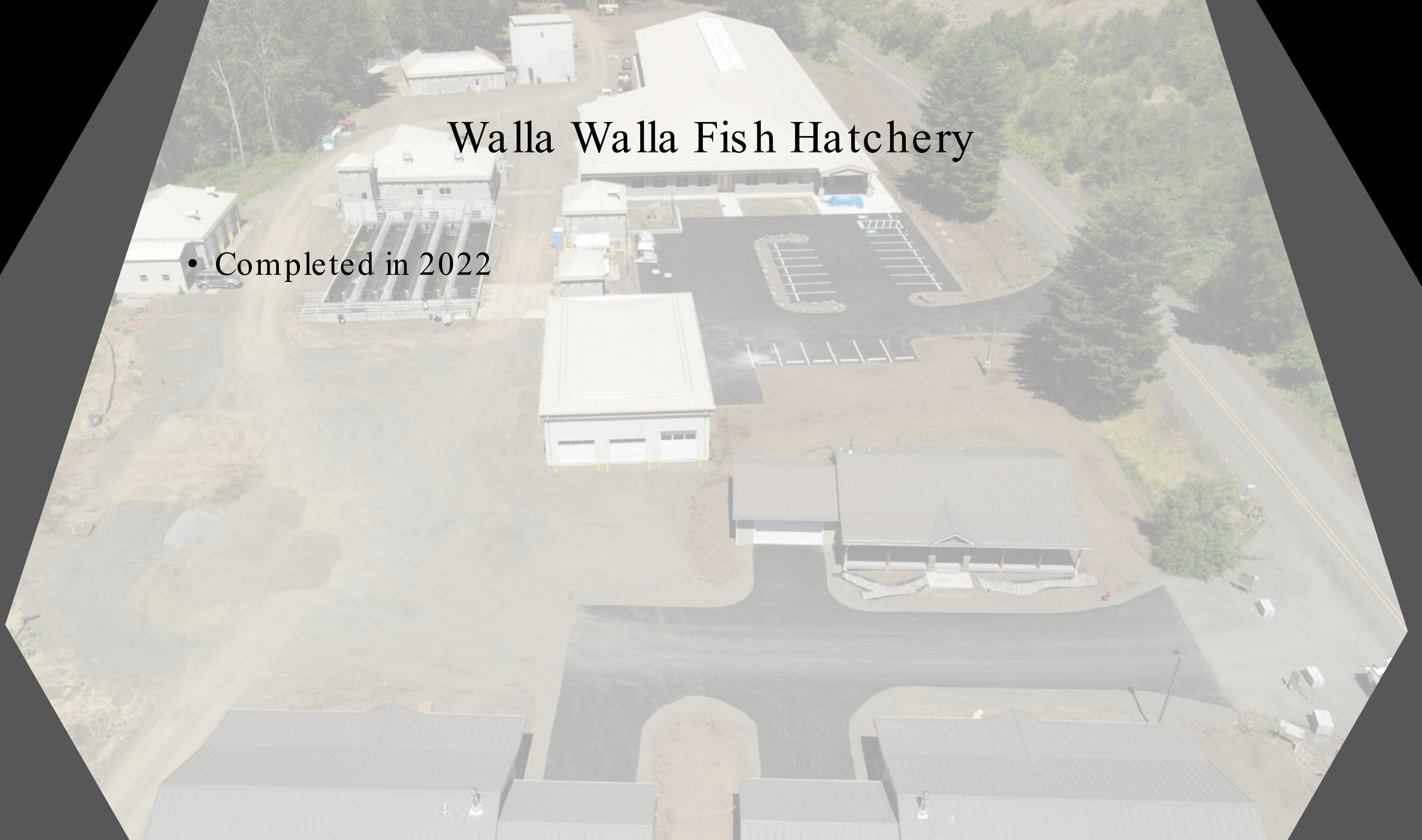
The background image shows a river flowing through a landscape. In the foreground, there is a rocky bank with some green grass. The river itself is filled with numerous logs and branches, creating a natural barrier or habitat. The water is a clear blue-grey color. In the background, a steep hill rises, covered in a mix of green and brown vegetation, suggesting a forested area. The sky is blue with some white clouds.

Interim Measures

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 - Dam Removals/Conversions
 - Fish Ladder and Screen Installations
 - River Connectivity Restoration
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 - South Fork Walla Walla River (2005-2020)

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- Completed in 2022





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 - Cayuse Nez Perce place name for South fork of the Walla Walla River
 - “This river provided fishing for salmon and lamprey used by Cayuse and Walla Walla people. Spears and dip nets were used”



Imtwaha Fish Hatchery

- BY 20



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 - Included 250k smolts from Carson stock direct released
 - 150k smolts brought in August 2021 and held over winter



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 - pNOB is 10%, no harvest
 - Successfully producing smolt goal
 - Still require help from USFWS and UHSF
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 - Smolt trapping
 - Survival estimates
 - Run size estimates



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- Utilizing Adaptive Management
 - Working with NOAA for smolt assessment
 - Updating CWT numbers to get meaningful information
 - Changing release sites to better manage basin fish returns
 - Planning for future harvest opportunities

Questions?

