

# INTRODUCING TROUT-SAFE

Extending Salmon-Safe certification for water quality protection and habitat conservation in the Inland Northwest

Brian Muegge - Farm Program Manager



The Nature  
Conservancy  
Idaho



THE VOICE OF THE RIVER  
SINCE 1984  
HENRY'S FORK  
FOUNDATION

- **About Salmon-Safe**
- **Certifying for climate resiliency**
- **Expanding in the Inland NW with Trout-Safe**
- **Climate Smart market connections**
- **Next steps & discussion**





SALMON



SAFE



Alaska

British Columbia

Puget Sound

Interior Columbia  
River Basin

Western Oregon  
Watersheds

Northern California

# CERTIFICATION TO INSPIRE RESTORATION

**Farms & Vineyards**



**Infrastructure**



**Parks & Natural Areas**



**Golf Courses**



**Campuses**



**Urban Development**



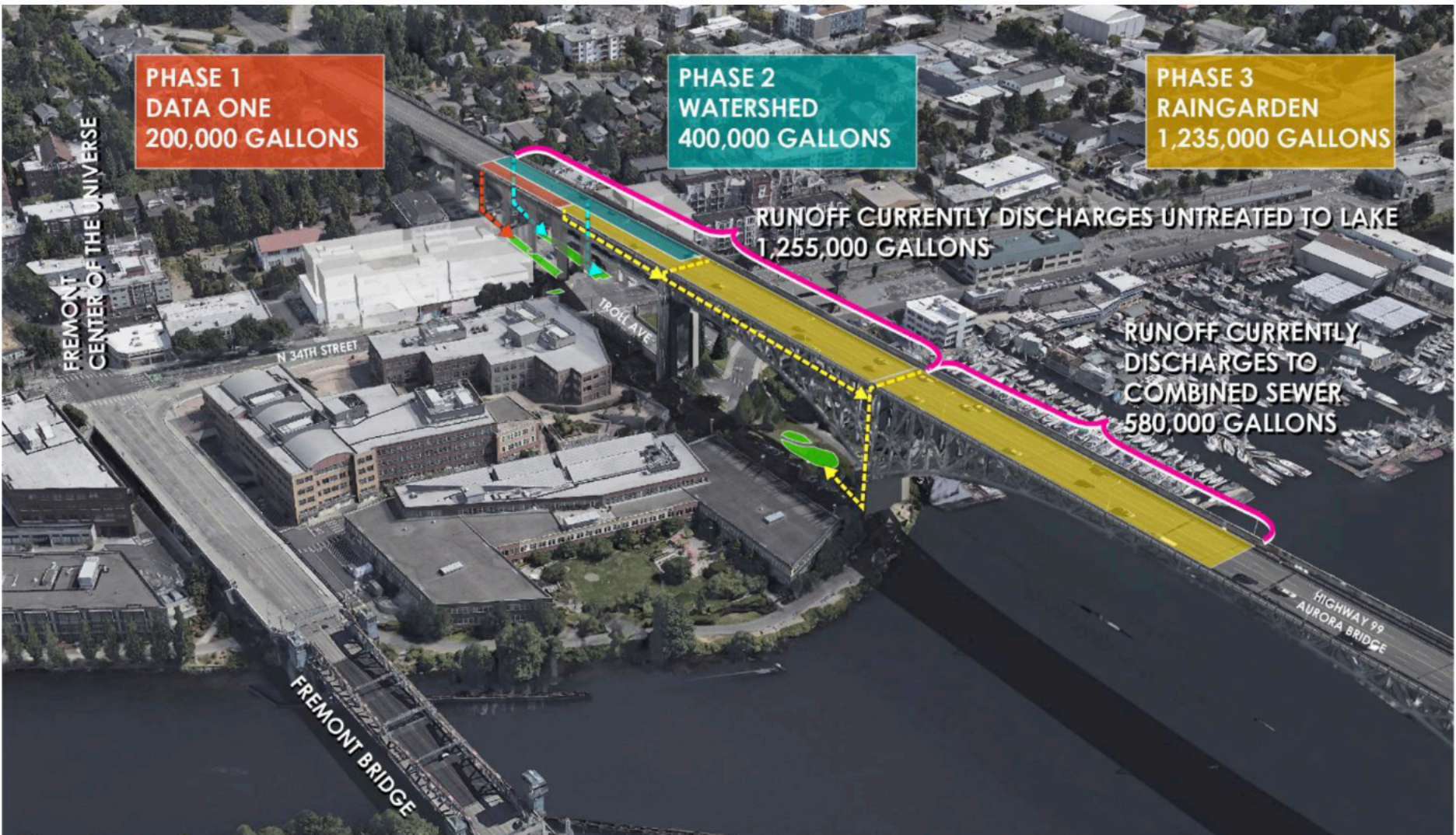
**PHASE 1  
DATA ONE  
200,000 GALLONS**

**PHASE 2  
WATERSHED  
400,000 GALLONS**

**PHASE 3  
RAINGARDEN  
1,235,000 GALLONS**

**RUNOFF CURRENTLY DISCHARGES UNTREATED TO LAKE  
1,255,000 GALLONS**

**RUNOFF CURRENTLY  
DISCHARGES TO  
COMBINED SEWER  
580,000 GALLONS**





# WATER QUALITY AND WATERSHED IMPACT

- **Instream habitat protection**
- **Riparian & wetland areas**
- **Erosion management**
- **Water use & irrigation**
- **Integrated pest management**
- **Landscape-level Biodiversity**
- **Climate resiliency**





# Salmon-Safe Farming is Climate-Resilient Farming

Salmon-Safe practices deliver water quality and habitat benefits and reduce climate-related risks



## Reduced Tillage & Soil Building

Building soil health and water retention through reduced tillage or no-till planting as well as increasing organic matter through cover crops, manures, compost.



## Irrigation Efficiency

Upgrading irrigation systems, tracking water usage, and selecting drought tolerant crops for changing climate conditions, seeking alternative water sources that do not limit fish habitat quality, leasing excess water rights for conservation



## Pesticide Reduction through IPM

Implementing cultural and biological controls for pests, applying rigorous integrated pest management approaches, phasing out chemistries harmful to fish and wildlife



## Stream Restoration

Restoring riparian habitat provides ecological benefits including shade, bank stabilization, and support for migrating salmon and their food chain.



## Integration of Native Biodiversity

Building resilience against climate shifts through crop rotation to support beneficial insects and stimulating soil organism diversity. Maintaining habitat for insects and wildlife within fields and field margins.



**Enhanced  
Soil Health**



**Drought  
Mitigation**



**Water Quality  
Protection**



**Temperature  
Mitigation**



**Climate  
Adaptive Farm  
Ecosystem**

**SIP. SAVE.**

WILLAMETTE VALLEY  
VINEYARDS

WILLAMETTE VALLEY • ORIGIN  
**PINOT NOIR**

BACCHUS



Look for Salmon-Safe certified wine  
from Willamette Valley Vineyards.  
[SalmonSafe.org](http://SalmonSafe.org)



**SALMON  
SAVED.  
NEAT.**

Rocks or neat, this Copperworks whiskey  
is sourced from Salmon-Safe  
certified malts which helps keep  
the Columbia river clean.

SALMON



SAFE

[www.salmon-safe.org](http://www.salmon-safe.org)

**WUUNU**  
— DISTILLING CO. —

*American*





KEEP REFRIGERATED AT OR BELOW 45° F.

SAFE HAZARDOUS MATERIALS: Eggs are not flammable, non-toxic, and do not contain any hazardous materials. For more information, see the back of the carton.

**Nutrition Facts** Servings per container: 12, Serv. size: 1 egg (50g)  
Amount per serving: Calories 70, Total Fat 5g (10% DV), Saturated Fat 1.5g (3% DV),  
Trans Fat 0g, Cholesterol 185mg (37% DV), Sodium 70mg (14% DV), Protein 6g  
(12% DV), Vitamin D 1.1mcg (22% DV), Total Sugars 0g, Added Sugars 0g (0% DV),  
Calcium 28mg (2% DV), Iron 1mg (2% DV), Potassium 50mg (1% DV), \*%DV = Daily Value

0 75483 9008 1  
Distributed by Wilcox Family Farms  
From Washington, 98580 WA, 50  
Certified Organic by Oregon Tilth

Locally raised by Wilcox Family Farms



# MOBILE PASTURED ORGANIC EGGS



COOPS MOVE WEEKLY TO FRESH PASTURE

GRADE AA  
12 LARGE EGGS

↑ USE BY ↓

↑ USE BY ↓



certifiedhumane.org

# PÂTISSERIE

SHEPHERD'S GRAIN

PREMIUM PASTRY FLOUR  
FROM REGENERATIVE FARMS



PLEASE NOTE: FLOUR IS RAW  
NEED COOK BEFORE ENJOYING



The Nature  
Conservancy



Idaho







RENEW

DONATE

NEWSROOM

# Silver Creek Farm Receives First Trout-Safe Certification

October 20, 2022 | Bellevue, ID







TROUT-SAFE CERTIFIED FARMS

Trout Hero IPA



Trout Hero IPA

PAYETTE BREWING CO.

THE ORGANIZATION:

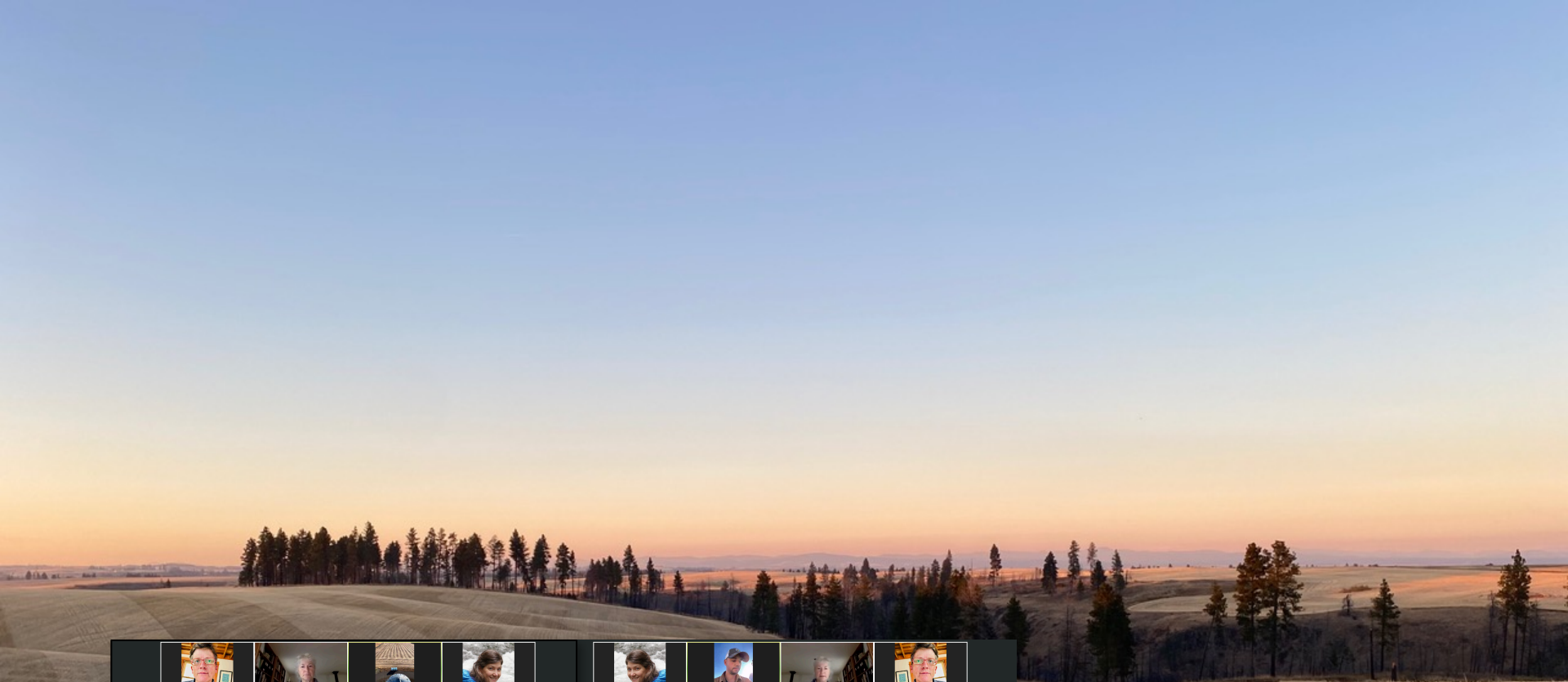
...is leading the movement to inspire...  
...that protect water quality...  
...wildlife habitat. Now its...  
...program is certifying...  
...innovative Idaho farms.

ABOUT THE BEER:

...and barley from Trout-Safe...  
...floral malt flavors and a...  
...of pine and citrus zest...  
...in limestone-rich waters...  
...Idaho's rivers.



6.5%  
ALC/VOL  
1 PINT



A video conference interface overlaying the landscape. The interface includes a top row of small video thumbnails for participants: dan harr, Mac Hobbs, Christopher Brown, Anna White, Scott K. Moore, Scott K. Moore, Scott K. Moore, and Scott K. Moore. Below the thumbnails are two larger video windows. The left window shows a large, circular, corrugated metal structure, possibly a water tower or silo, with a white pipe extending from the top. The right window shows a man wearing a brown shirt and a baseball cap, looking down.



**SALMON-SAFE EPA FUNDING**



# Innovative Agriculture and Marketing Partnership

A Public, Private, Tribal Partnership building climate-smart markets and increasing the adoption of climate-smart practices in Idaho.



## Climate-Smart Commodities for Idaho

A Public, Private, Tribal Partnership will build climate-smart markets and increase adoption of climate-smart practices on more than 200 farms in Idaho through the provision of financial and technical assistance to producers, with a focus on barley, beef, chickpeas, hops, potatoes, sugar beets and wheat.

The U of I-led project will receive [\\$55 million](#) from the U.S. Department of Agriculture to fund the five-year effort. More than half of the funding will be used to incentivize Idaho's voluntary farmers and ranchers to adopt agronomic practices intended to improve soil health and keep greenhouse gases from entering the atmosphere.

Thank you!

SALMON



SAFE

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