



# Meeting Handouts

April 20, 2021

## Legislative updates:

- FBRB 21-23 Capital Budget Comparison
- FBRB Proviso Specified Tasks Listing

## Project and Policy Issues:

- Cost increase: Johnson Creek at State Street – Okanogan County

## Presentations:

- Near-Term Action (NTA) in Puget Sound Action Agenda, WDFW
- Update of Extinction is Not an Option, GSRO

## FBRB 21-23 Capital Budget Comparison

The House 2021-23 Biennium Capital Budget Proposal was published yesterday as was the Legislative Evaluation & Accountability Program (LEAP) project listing for the FBRB's 21-23 funding submittal.

The House proposal

- **\$26,795,000 total**
- \$25,014,000 to fund projects 1-21
- \$750,000 (3.00%) to RCO for grant management
- \$1,031,000 (4.12%) to WDFW for administrative support to the board and technical oversight of projects

The attached LEAP list shows:

- Funding for projects 1-21 out of 87
- Projects 22-87 are all listed as alternates
- Projects 1-21 consist of 13 county, 7 private and 1 irrigation district project, 16 restoration (construction) projects and 5 planning (design only) projects.
- The match figures are accurate mirroring those submitted by the individual sponsors.

The Senate proposal

- **\$38,469,000 total**
- \$36,912,000 to fund projects 1-35
- \$1,077,000 (3.00%) to RCO for grant management
- \$1,480,000 (4.12%) to WDFW for administrative support to the board and technical oversight of projects

The attached LEAP list shows:

- Funding for projects 1-35 out of 88
- Projects 36-88 are all listed as alternates
- Projects 1-35 consist of 19 county, 12 private, 2 city and 2 irrigation district project, 26 restoration (construction) projects and 9 planning (design only) projects.
- Specific match amounts are not listed

## **FBRB Proviso Specified Tasks Listing**

- Identify streams with listed salmon species, that provide prey for SRKW, that are impacting commercial, tribal and recreational harvest
- Identify barriers on those identified streams
- Consult with tribes
- Coordinate with WSDOT fish barrier work plans
- Develop a comprehensive statewide culvert remediation plan that: works in conjunction with the state approach, fully satisfies the requirements of the injunction, makes both local and state funding recommendations
- Make recommendations on methods and procedures for state agencies and local governments to complete and maintain accurate barrier inventories
- Allow for efficient bundling of projects.
- Provide to OFM & fiscal committees of the legislature recommendation as to statutory or policy changes
- Provide to OFM & fiscal committees budget needs for the board or state capital budget programs by January 15, 2021.
- Develop a plan to seek and maximize the chances of success of significant federal investment in the comprehensive statewide culvert remediation plan.
- Provide updates on the plan to the office of financial management and the legislative fiscal committees by November 1, 2020, and March 1, 2021
- Present the status of the plan to the annual Washington state and Western Washington treaty tribes fish passage barrier repair progress and coordination meeting
- Submit the plan and the process by which it will be adaptively managed over time to the governor and the legislative fiscal committees by January 15, 2021.

BRIAN ABBOTT

## Fish Barrier Removal Board

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# Amendment Form

Date: 4/1/2021

RCO Project Number: 19-1594

Sponsor Name: Trout Unlimited

Project Name: Johnson Creek Fish Passage Site ID 992055 (State St)

Type of Amendment:      Cost Increase       Scope Change

**Justification:** For cost increases, describe the need and specifically what the money will be used for. Please note: a grant cost increase requires the sponsor to increase its total match contribution to maintain the agreement's original cost share percentages. For scope changes, describe the reason and what work types or elements of the project will change. Specify changes in quantities and/or metrics of project elements as necessary.

An additional \$248,892 is needed to construct the State Street project. Per our funding agreement, 15.5% match is required for FBRB funds which extends to cost increases. As such, we are requesting \$210,322 in FBRB funds for the State Street project, and will continue to pursue the match funding necessary to meet the 15% requirement. As discussed in the 3/16/21 FBRB meeting, we understand that additional time is needed for the Board to make a decision regarding the State Street cost increase request. Thank you for your consideration,

Theo Burgoon – Trout Unlimited

### Supporting Documents Provided. (check all that apply):

- An updated Cost Estimate Spreadsheet composed of original budget with cost increase provided in a separate column clearly illustrating where costs have changed.
- Preliminary design package including design drawings and design report (Manual 22, Appendix C)

### Review:



Washington  
Department of  
**FISH and  
WILDLIFE**



WASHINGTON STATE  
Recreation and  
Conservation Office

Approved: Yes  No

Approved: Yes  No

Date:

Date:

**BRIAN ABBOTT**

**Fish Barrier Removal Board**

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**Amendment Form**

**Name: Thomas P. Jameson**

**Name: Dave Caudill**

**Reason**

**Reason**

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# Funded Puget Sound Near Term Action (NTA)

## Project Overview & Feedback Request

Christy Rains

Fish Passage Inventory &  
Assessment Section Manager  
Habitat Program, WDFW

Ryan Gatchell

Senior Data Systems Manager  
Habitat Program, WDFW



# Fish Passage Inventory & Assessment Section

- Maintain barrier assessment & habitat survey **protocols**, 30+ years
- Staff a **field crew** to conduct barrier assessments & habitat surveys
- Provide **free training** on protocols & ongoing **technical assistance**
- Manage data in a **centralized database**, Fish Passage & Diversion Screening Inventory (FPDSI) database
- Database available to the public through the **Fish Passage Map App**
- Coming Soon – **Mobile data collection**, improve efficiencies with both data collection and entry



# NTA Concept Development

- Overwhelming # of sites to prioritize → what additional tools would facilitate project ID?
- Wanted to create a tool that would help inform & visually educate on:
  - How to identify if downstream (d/s) barriers exist.
  - What is meant by coordinating corrections.
- Needed WA's stream mapping or NHD, to be more accurate
  - National Hydrography Dataset (NHD) maintained by Dept. of Ecology
- Utilize 30+ years of habitat surveys to contribute to NHD update





# NTA Task Overview

## Task 1

- Digitize 30+ years of correct stream locations from habitat surveys
- ~1,540 miles of streams digitized and delivered to Ecology's NHD data steward in Aug/Sept 2020

## Task 2

- Ecology is actively updating NHD, schedule completion ~June/July 2021

## Task 3

- Create a new prioritization tool that identifies # of barriers located d/s of any database site in the Puget Sound



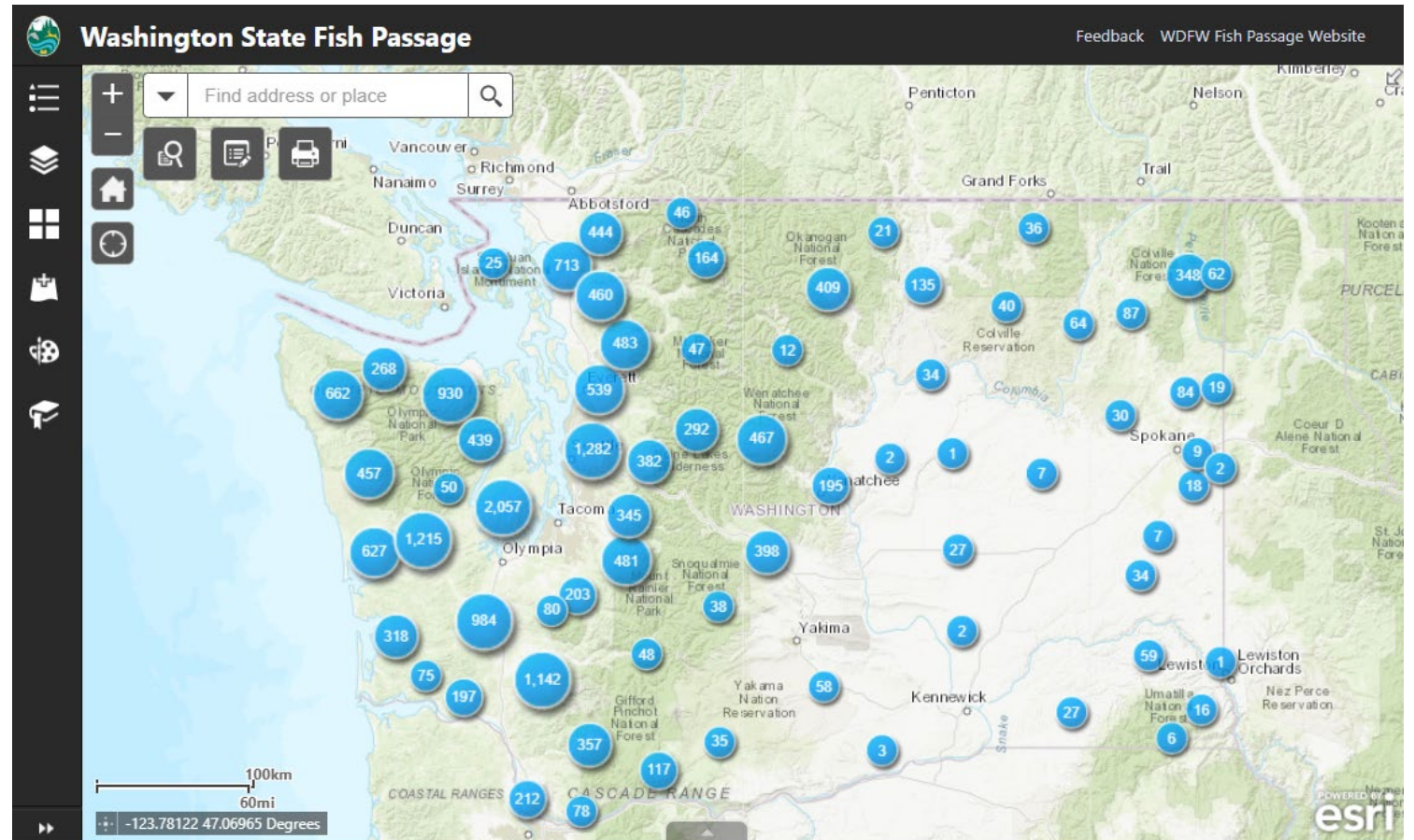
# New Prioritization Tool:

- Funded for Puget Sound only, at this time
- Click on site in Fish Passage Map App – display # of barriers located d/s
- Supports planning:
  - It's a starting point, provides focus among high # of barriers on landscape
  - Layer with other tools & analyses, assists prioritization & decision-making
- Will provide info for FBRB & other grant applications



# Fish Passage Web Application

- Updated weekly
- Identify Projects
- Compare relative benefit

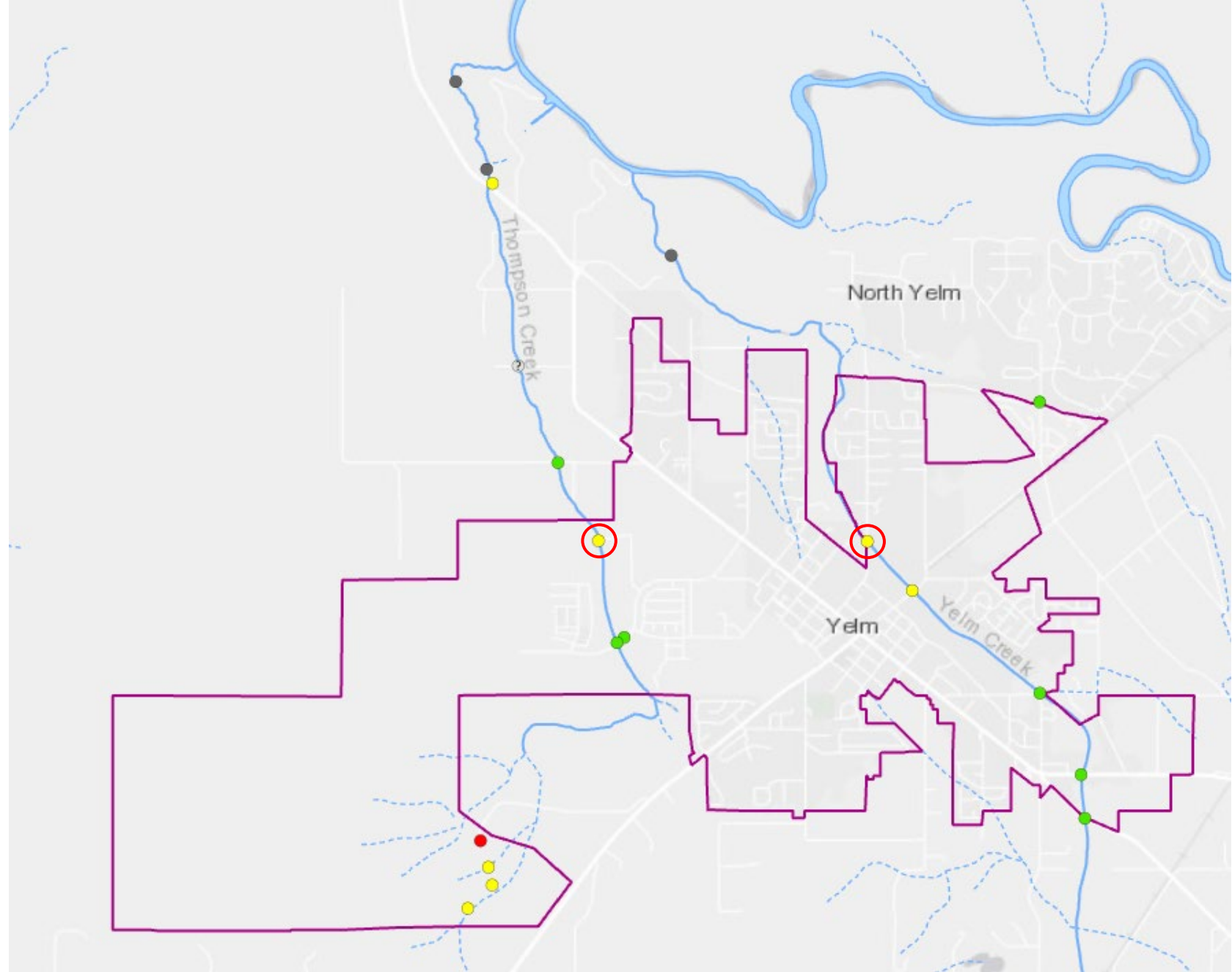


[geodataservices.wdfw.wa.gov/hp/fishpassage](https://geodataservices.wdfw.wa.gov/hp/fishpassage)



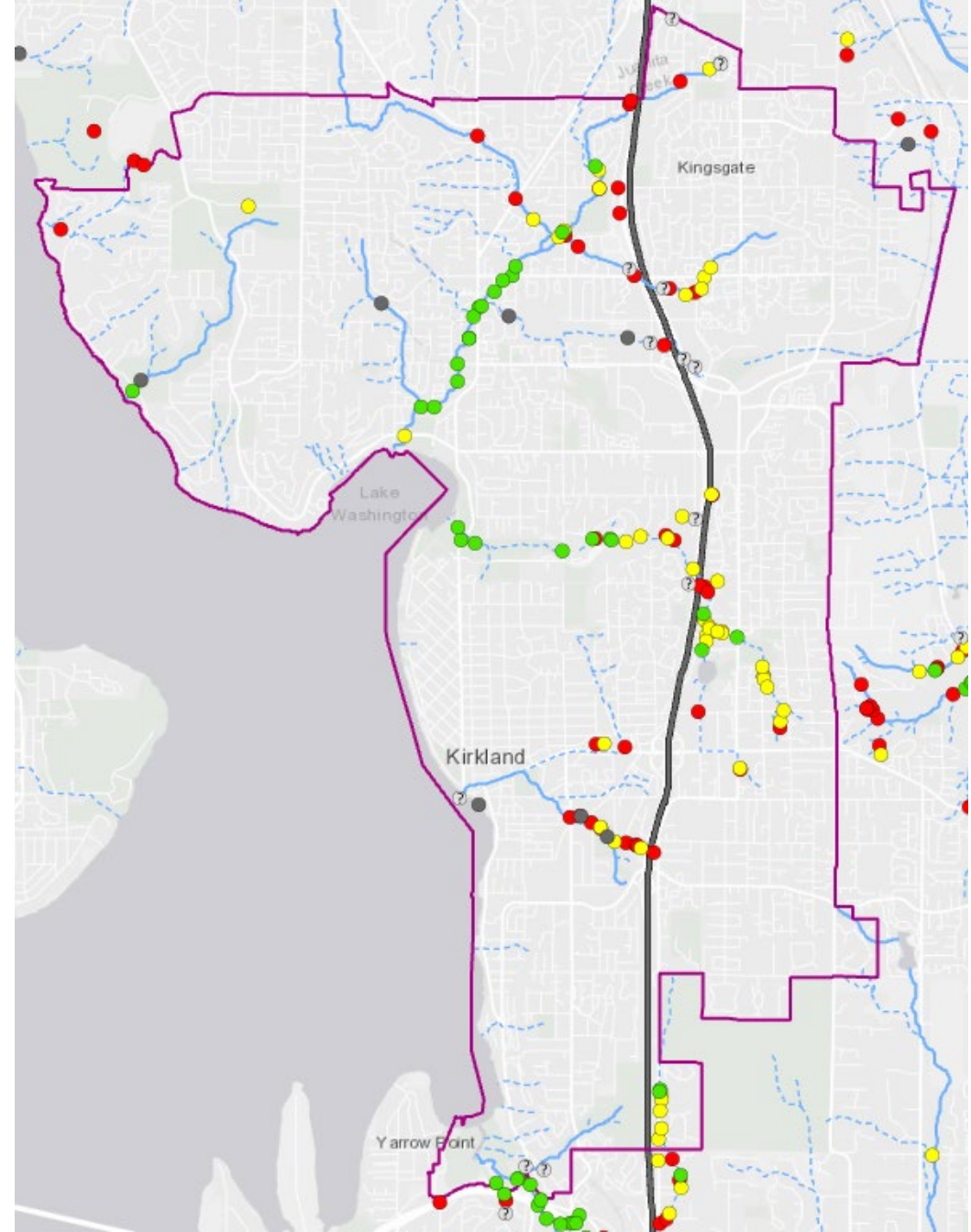
# Example 1: City of Yelm

- Prioritizing city-owned fish passage barrier removal by exploring barriers downstream
- Within one system or among systems



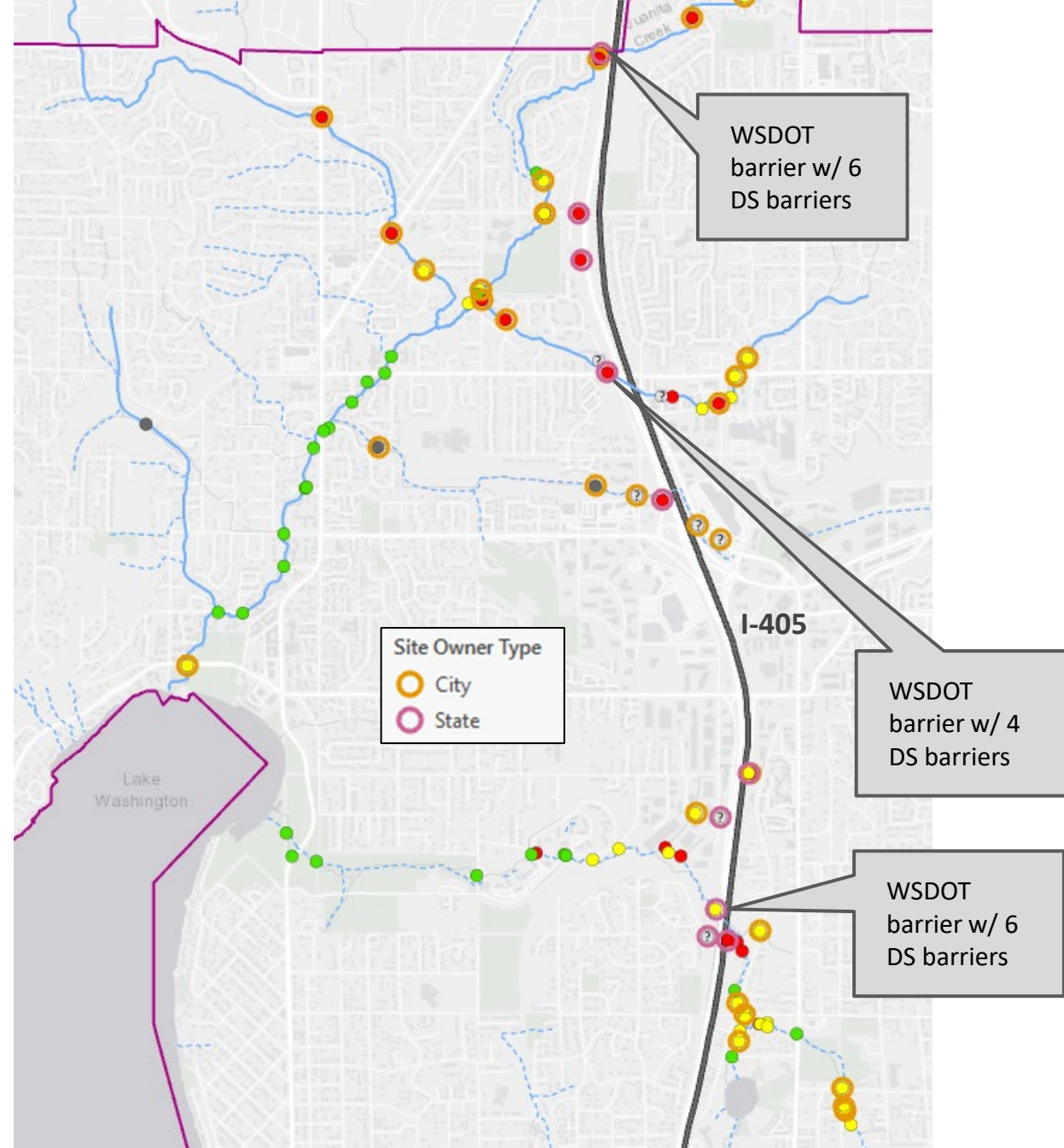
# Example 2: City of Kirkland

- Larger cities or areas of interest might have many stream systems
- Look at sites within and across systems to find projects



# Example 2: City of Kirkland

- Use I-405 as boundary to begin comparison of # d/s barriers
- Utilize additional analysis to improve outcome
- **Circling ownership is currently a tool in the map app**



# Fish Passage Barriers on Stream Network

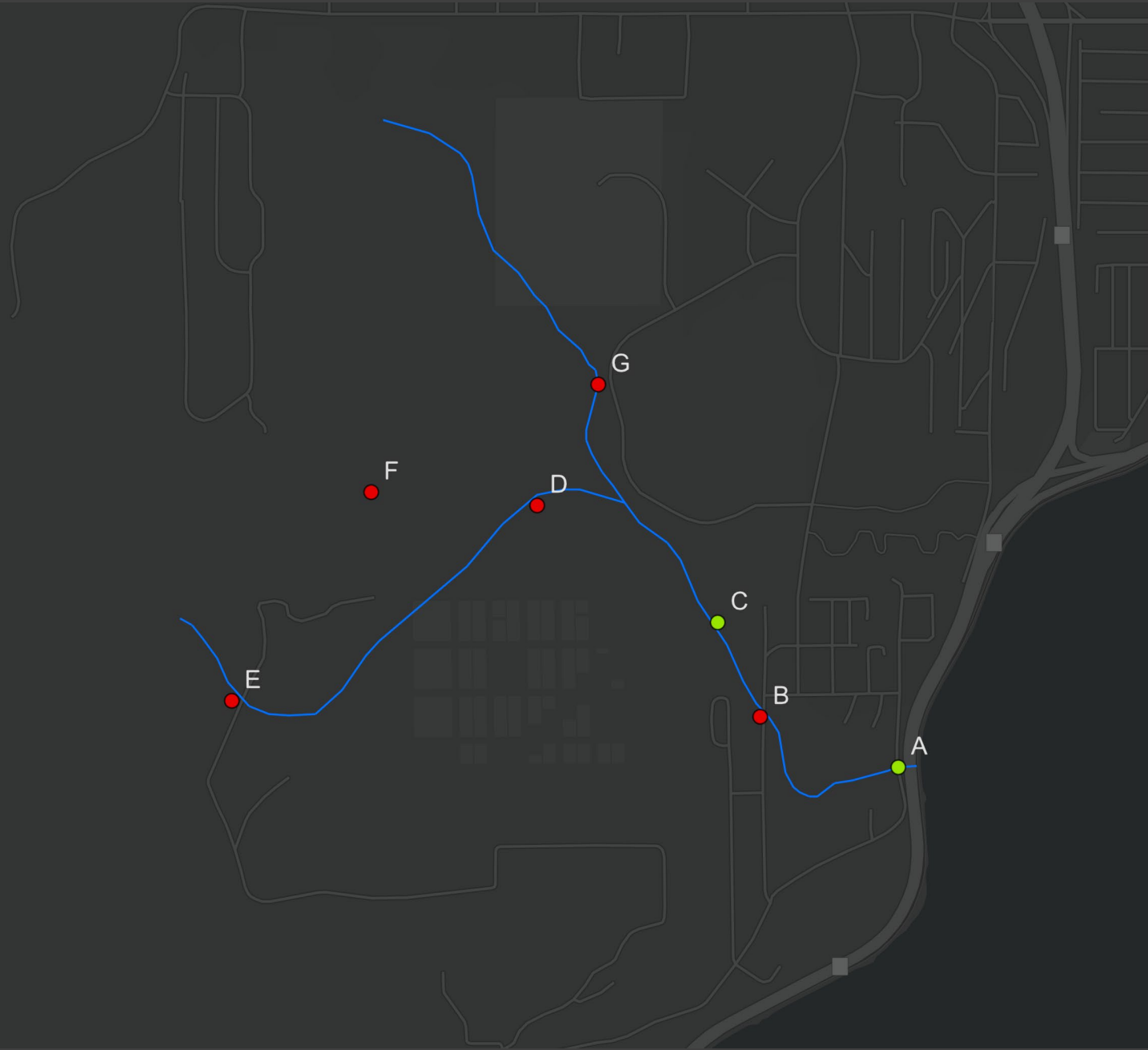
WDFW | Habitat Program | Ryan Gatchell

# Fish Passage Barriers on Stream Network

Initial state of data

Sites are not snapped

Some sites do not have a hydrography nearby



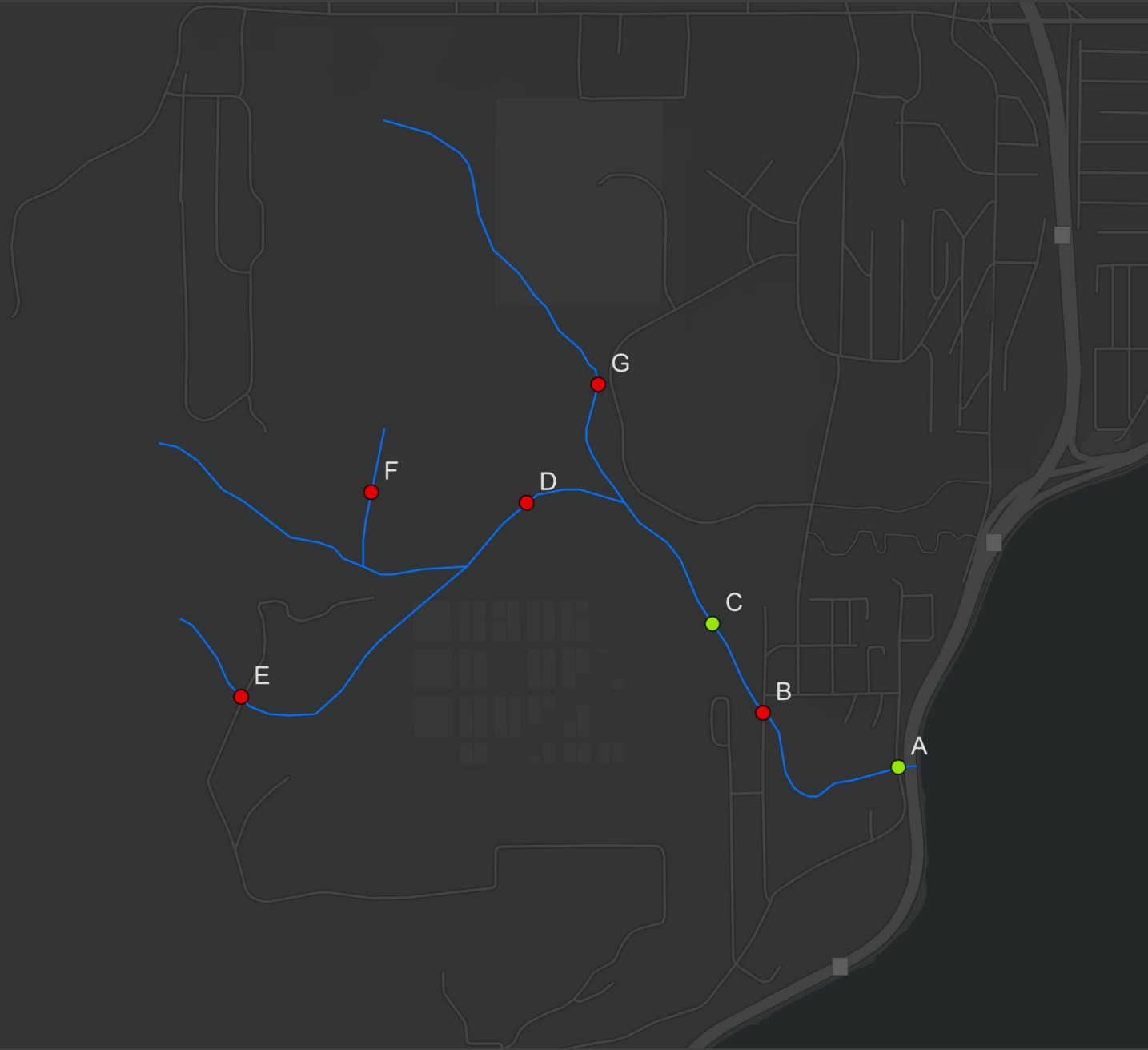


# Fish Passage Barriers on Stream Network

Sites snapped to hydrography

Hydrography lines created

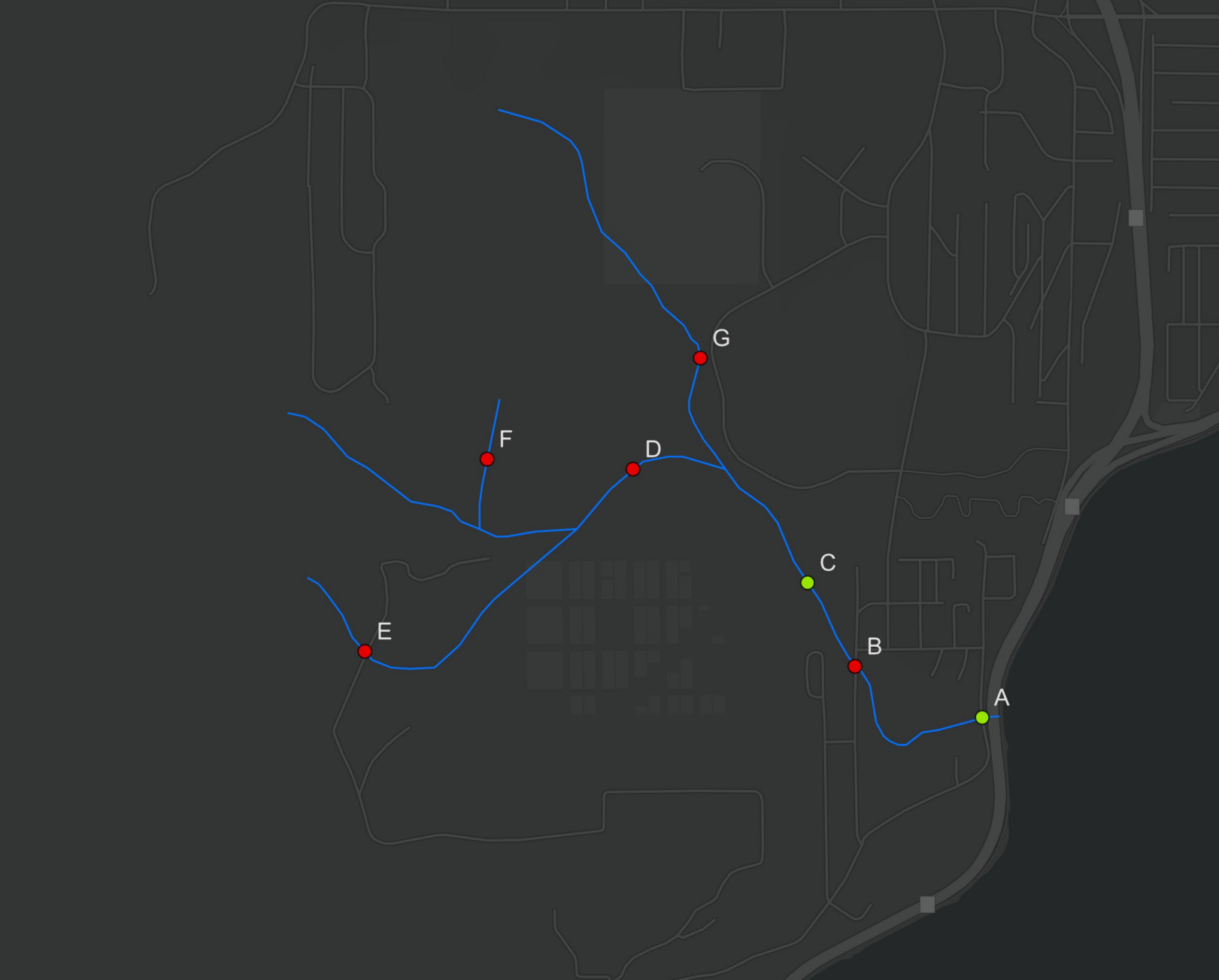
Data ready for network analysis



# Fish Passage Barriers on Stream Network

Updsdemo - Sites (Features: 7, Selected: 0)

	Site ID ▲ ...	Downstream Site ID ▼ ...
<input type="checkbox"/>	A	-1
<input type="checkbox"/>	B	A
<input type="checkbox"/>	C	B
<input type="checkbox"/>	D	C
<input type="checkbox"/>	E	D
<input type="checkbox"/>	F	F
<input type="checkbox"/>	G	C





# Questions or Comments?

*\*This project has been funded wholly or in part by the United States Environmental Protection Agency under assistance agreement PC-01J22301 through the Washington Department of Fish and Wildlife. The contents of this document do not necessarily reflect the views and policies of the Environmental Protection Agency or the Washington Department of Fish and Wildlife, nor does mention of trade names or commercial products constitute endorsement or recommendation for use.*

A photograph of a salmon leaping out of a shallow stream, creating a splash of white water. The background is a lush green forest. The text is overlaid on a semi-transparent dark grey box.

# **Statewide Salmon Strategy Update**

**Brian Abbott Fish Barrier  
Removal Board**

**Erik Neatherlin  
Governor's Salmon Recovery Office**

# Washington Statewide Salmon Strategy (1999)

**STATEWIDE  
STRATEGY TO  
RECOVER SALMON**  
**EXTINCTION  
IS NOT AN OPTION**  
September 1999

## Governor Locke

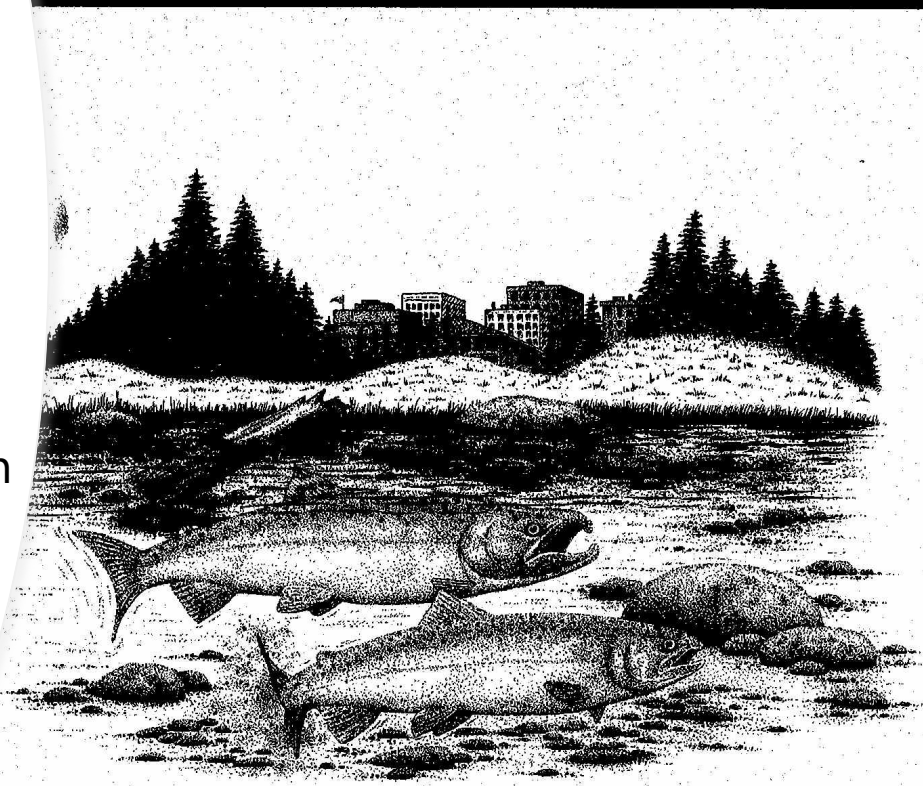
- 1999 – Statewide Strategy to Recover Salmon: *Extinction is Not an Option*

## Governor Gregoire

- 2006 – Strategy Status Update
- 2008 – Recovery Implementation Plan

## Governor Inslee

- 2019 – Begin Statewide Strategy Salmon Update Process





# Why update the Strategy

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# Current Strategy's Goal and Key Elements

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## Goal

- Statewide
- All salmon, steelhead, and trout
- Healthy and harvestable

## Key Elements


- Habitat
  - Agriculture, Forest and Fish, Land Use, Stormwater, Water Quantity, Water Quality, Fish Passage
- Harvest
- Hatcheries
- Hydropower



# Strategy Update

## Steering Committee and Stakeholder Engagement

- **Steering Committee**
  - JT Austin, Governor's Office
  - Leslie Connelly, OFM
  - Jeff Davis, WDFW
  - Kaleen Cottingham, RCO
  - Erik Neatherlin, GSRO
- **Consultant**
  - Triangle Associates, Inc
  - ECONorthwest
  - Confluence Environmental
- **Staff Support**
  - Jeannie Abbott, GSRO

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- A photograph of three salmon swimming in clear, rippling water. The fish are captured in motion, with their bodies angled upwards and to the right. The water is a light blue-grey color, and the background is slightly blurred, emphasizing the fish.
- What's Working
  - What's Not Working
  - What's Missing



# Tribal Engagement

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- Governor Letter inviting Government-to-Government
  - JT Austin designated lead
- Meetings with Tribal Organizations
- Meetings with Individual Tribes
- Invited Early Input and Review of Draft Strategy

- How Do Tribes Want to Engage
- Share Experience, Knowledge, and Expertise
- What's Working, What's Not Working, What's Missing

# State Agencies Engagement

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- Briefings with Senior Staff
- Governor's Office  
Convening of Natural  
Resource Agency  
Subcabinet
- Review Draft Strategy



# Strategic Priorities

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- Climate Change
- Population Growth
- Environmental Justice and Diversity
- Commitments to Tribes
- Build on What Has Worked
- Governor's Commitment for Riparian Habitat
- State Leadership and Coordination
- Commitment to Collaborative Processes
- Buffer Against Federal Rollbacks
- Restore Access to Historical Habitat
- Strengthen Science and Accountability

# Timeline

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# Questions

