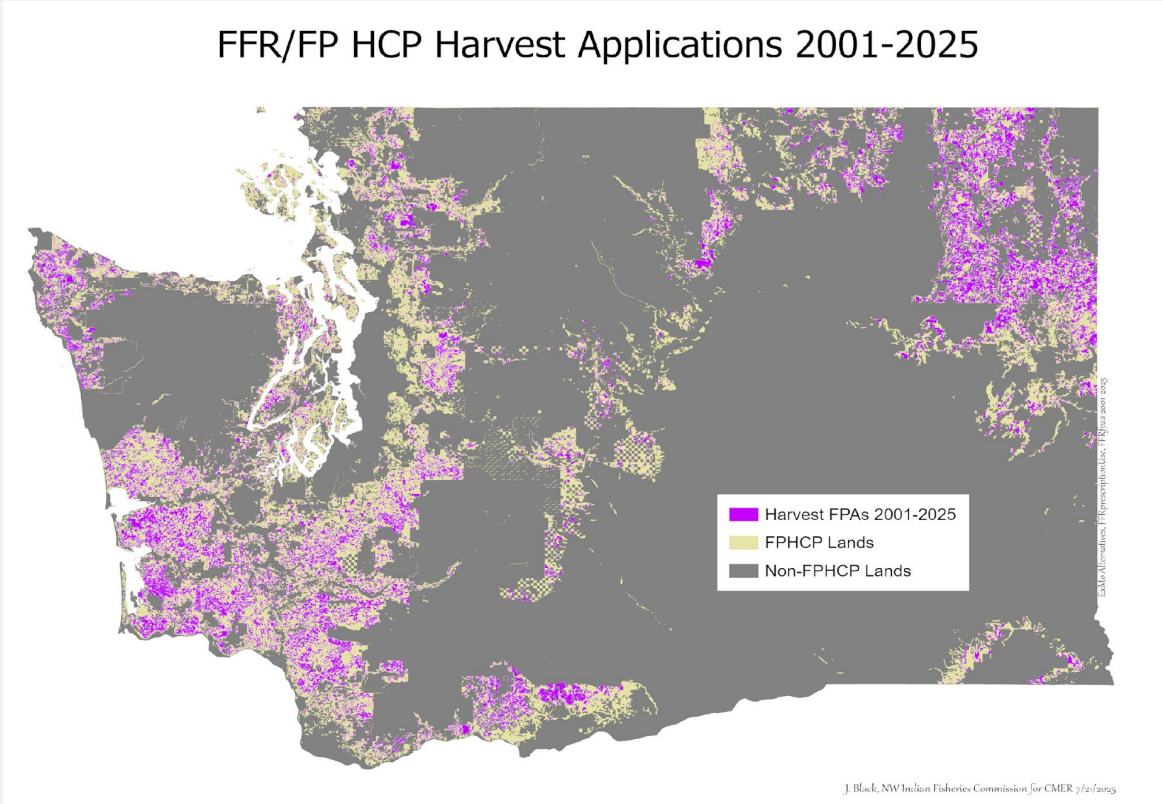
# Adaptive Management Program (AMP)

**Select Project Updates for the Forest Practices Board 08/2025**

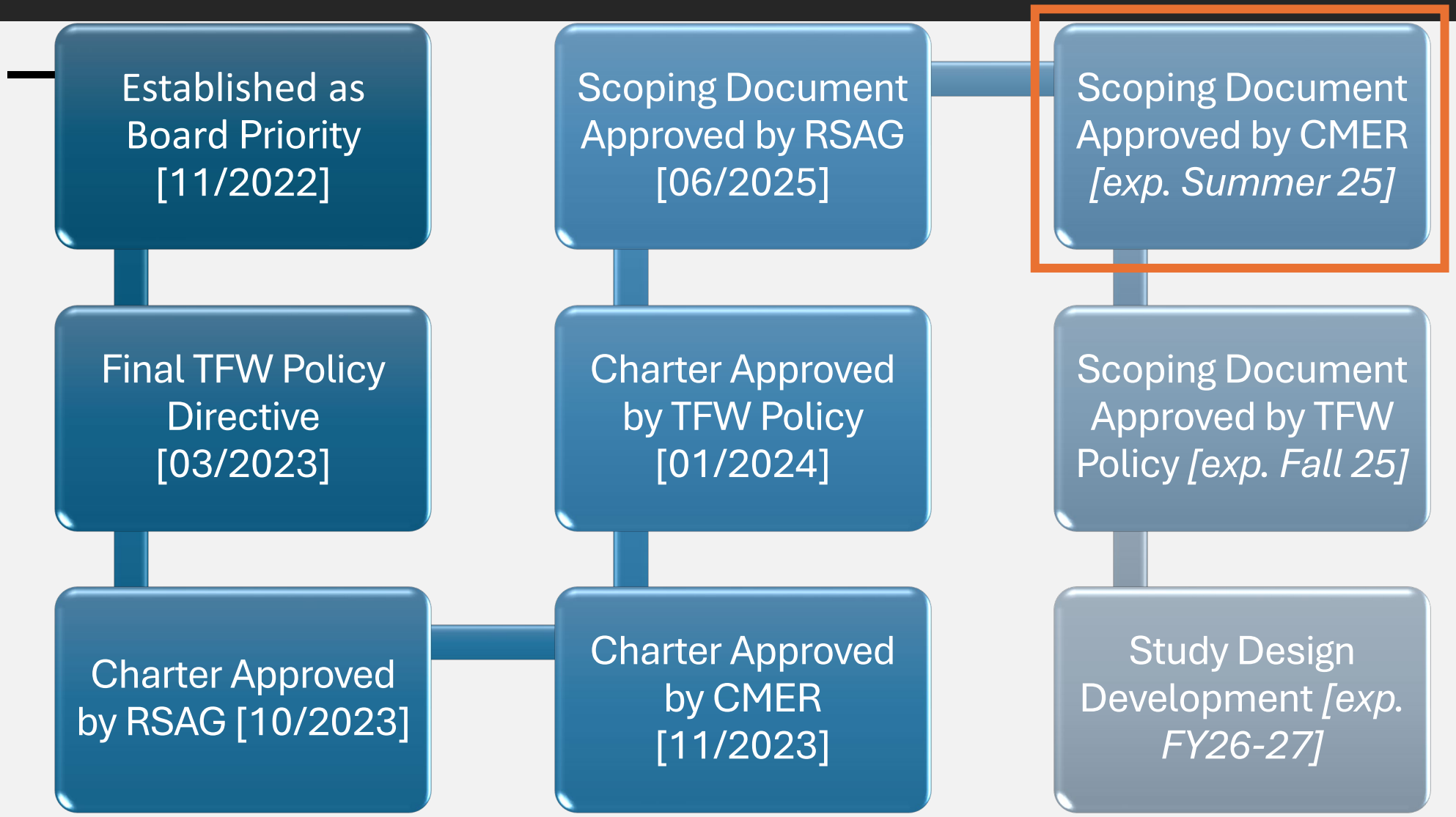
- Extensive Riparian Status and Trends Monitoring Project
  - Alexander Prescott, Project Manager
- Water Typing Studies
  - Anna Toledo, Project Manager

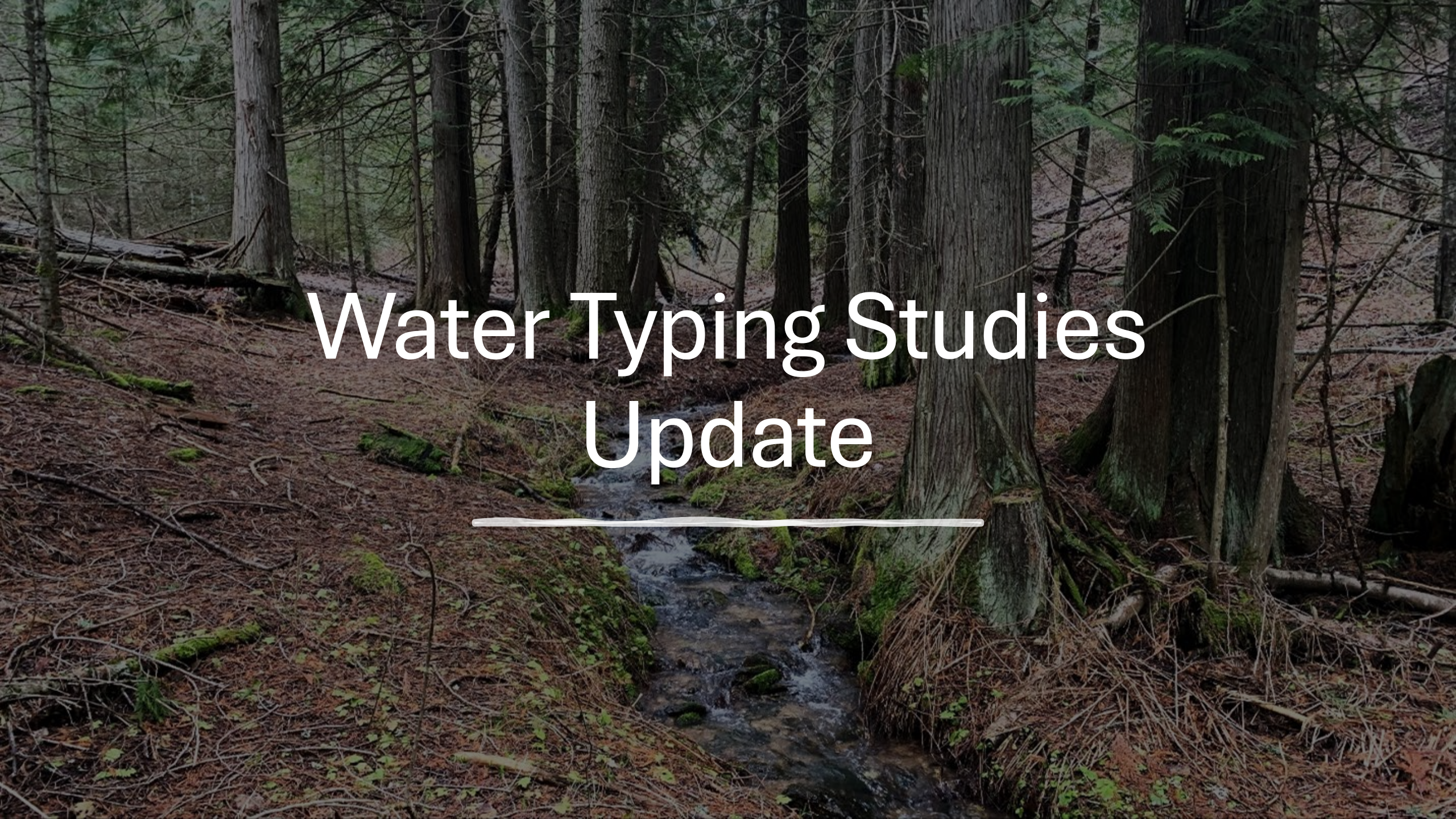
# Extensive Riparian Status and Trends Monitoring Project, Purpose

1. Document the current status of key watershed resources and habitat condition indicators...across Washington State lands managed under the FPHCP
2. Evaluate trends in conditions over time as Forest Practices prescriptions are applied, and
3. Assess whether condition trends are moving towards meeting Schedule L-1 resource objectives and performance targets at the landscape scale.



# Extensive Riparian Status and Trends Monitoring Project, Timeline





# Water Typing Studies Update

# Water Typing Studies: Project Status

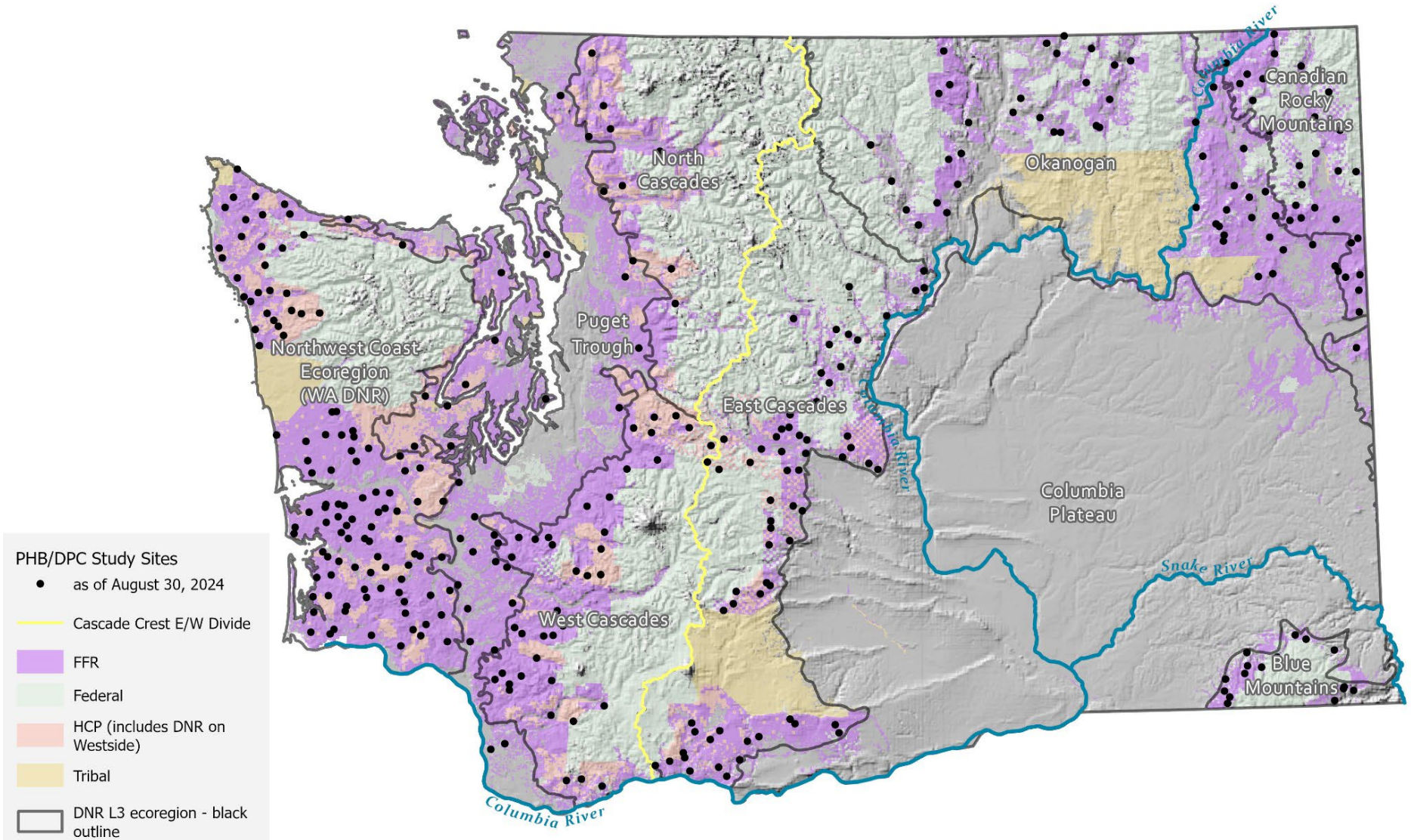
| | |
|---|---|
| Potential Habitat Breaks (PHBs) | Field implementation. |
| Default Physical Criteria (DPC) | Field implementation.<br>ISPR-approved study design approved by CMER in May 2025. |
| LiDAR | Postponed until after completion of PHB and DPC studies and completion of LiDAR-derived hydrography layer. |
| eDNA | Recommended as an additional and complementary study, possibly using the sample sites and fish location data collected in the PHB/DPC studies. |
| Anadromous Fish Floor (AFF) | Project Charter approved by TFW Policy in August 2025.<br>Project Team to begin work on project scoping. |

# PHB & DPC Studies Overview

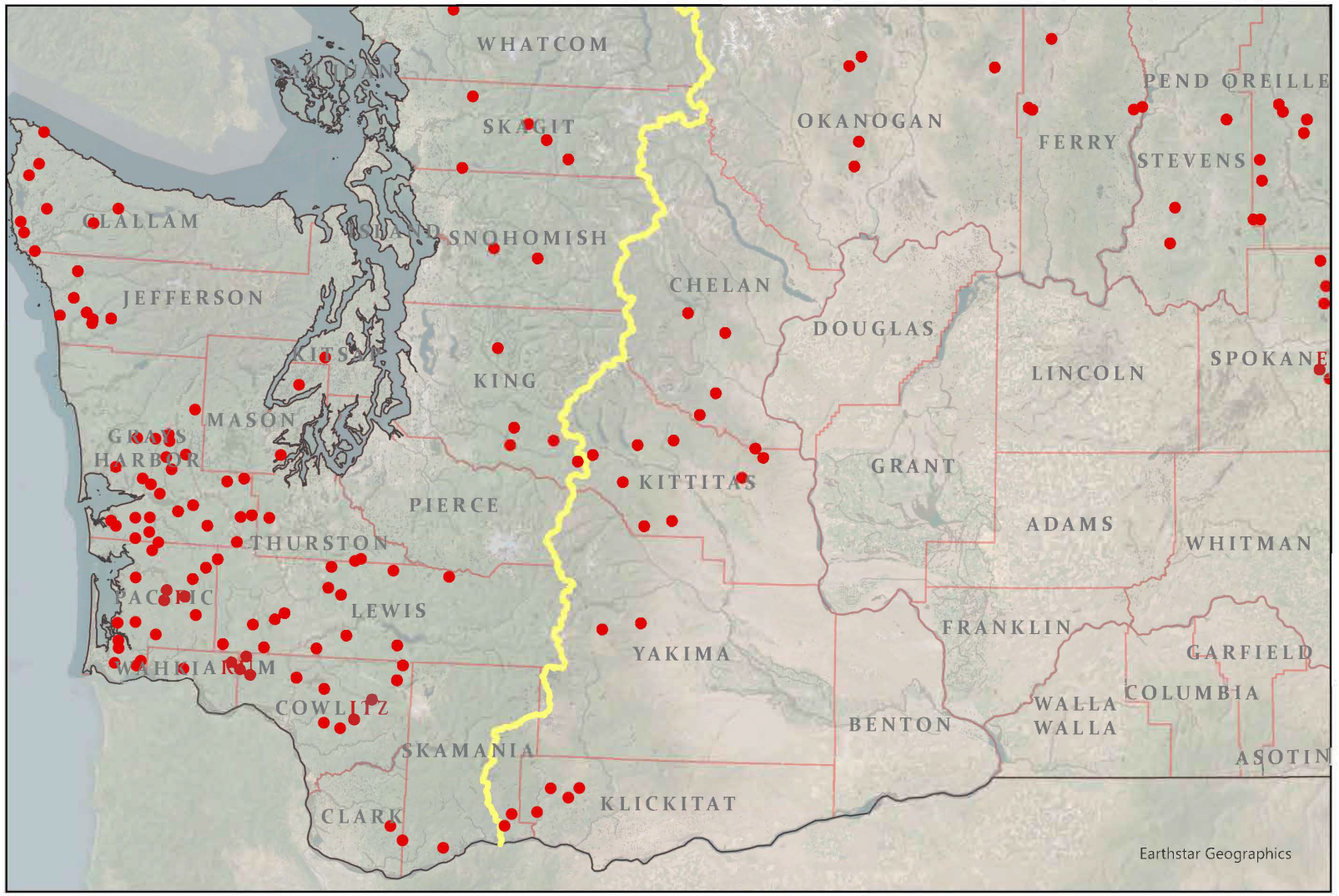
- **PHB Validation Study Purpose: Develop criteria for accurately identifying potential habitat breaks (PHBs)**
- **DPC Validation Study Purpose: Develop criteria for accurately defining default physical criteria (DPC)**
- **Both studies are conducted from one set of field data**
- **Collect uppermost fish location surveys with detailed data collection on physical stream characteristics**
  - **Gradient**
  - **Channel width**
  - **Basin area**
  - **Other physical characteristics**

# PHB/DPC Potential Study Sites

August, 2024



# PHB/DPC Sites - All Spring/Summer 2025 Sampled Locations




Sites surveyed: 156

# Project Partners – Thank you!


And many, many small forest landowners!

# PHB & DPC Sampling Schedule

| Sampling Event | Year 1 (2025) | Year 2 (2026) | Year 3 (2027) |
|---|---|---|---|
| **Spring to early summer: 350 sites** | 160 eastern WA<br>190 western WA | 160 eastern WA<br>190 western WA | 160 eastern WA<br>190 western WA |
| **Late fall/winter: 175-176 sites**<br><br>**(resample a subset of the spring/summer sites)** | 80 eastern WA<br>96 western WA | 80 eastern WA<br>95 western WA | 80 eastern WA<br>95 western WA |

**Final Report: Dec 2029**

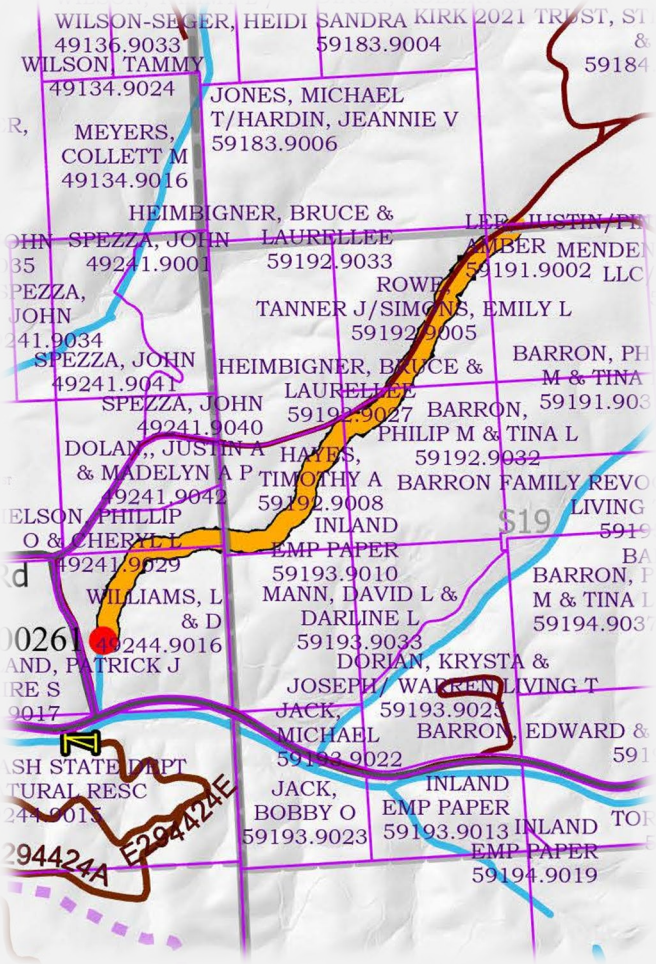
# PHB & DPC Outreach Challenges

## Outreach Steps

- Identify landowners for each site
  - Many sites include multiple landowners
- Gather and collate up-to-date landowner contact information
- Make outreach
- Identify new landowners or updated contact information
- Some landowners need to confer with additional family members

## Outreach Methods

- Presentations to WFPA and WFFA
- Presentation available on WFFA website and linked from AMP dashboard
- Physical mailings
- Phone calls and emails, when available
- Communication with DNR available through phone, email, physical mail, and QR code



# PHB & DPC Challenges and Solutions

| Challenges | Solutions |
| --- | --- |
| Landowner identification and contact has been more time-consuming than expected | Continuing to streamline processes and seek access to sites for 2026 spring season |
| Study sites that have no channel | Refining site screening criteria to increase efficacy |
| About half of sites surveyed in 1st season | Will be able to use data from 1st season to rerun sample size estimation to further refine sample size |

# PHB & DPC Accomplishments

**Held competitive solicitation and contracted with Cramer Fish Sciences**

**Demonstrated effective collaboration with many project partners**

- Cramer Fish Sciences and subcontractors
- AMP staff (DNR and Northwest Indian Fisheries Commission)
- Permitting agencies
- Landowners
- Project team

**Gained valuable information from initial field season**

**Preparing for fall/winter 2025 survey season and beyond**

# Thank you!