Within the Reach:

A look at historical current and Future in stream projects in the Restoration program at JCWC.

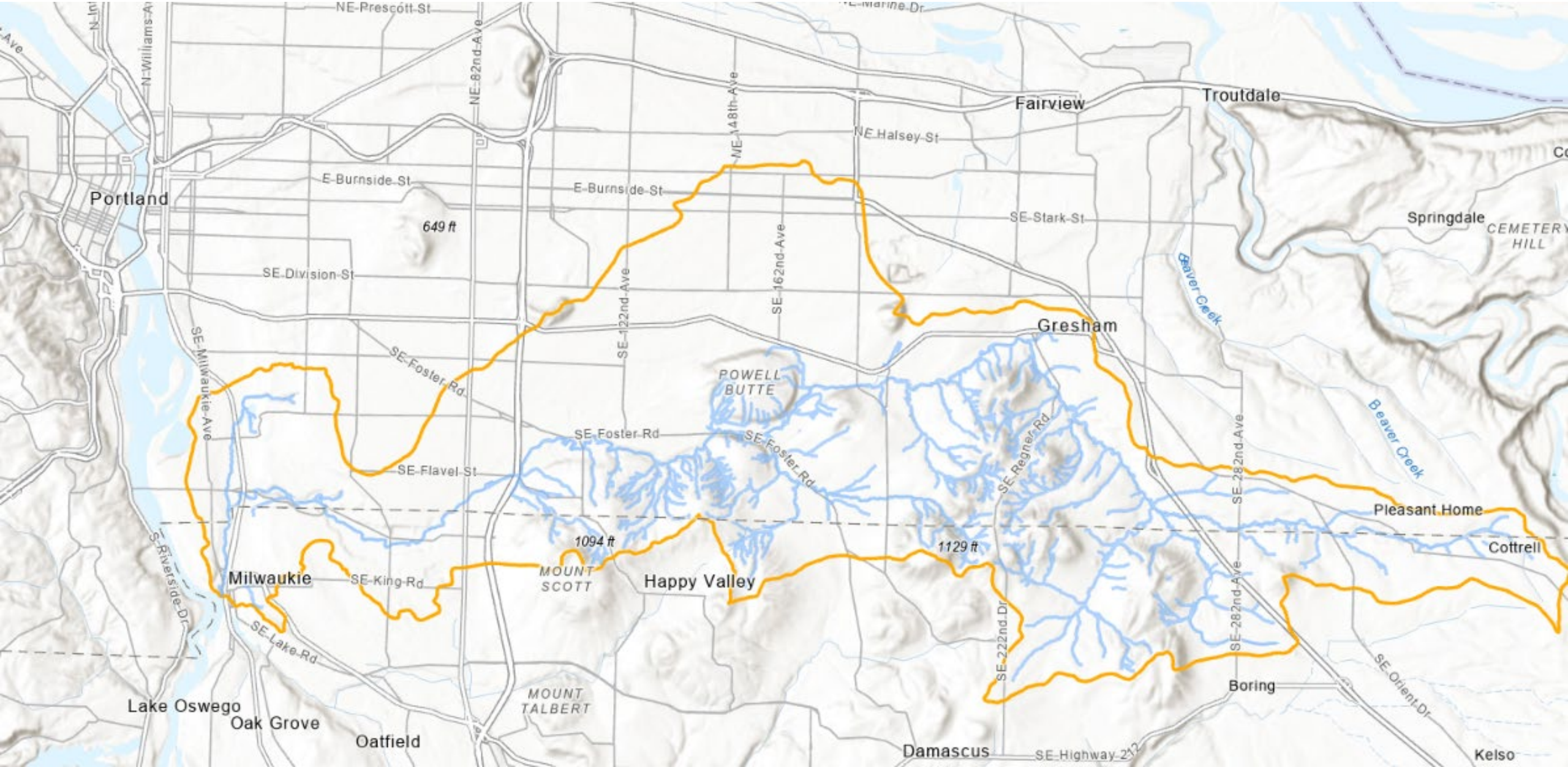
Mike Wendel

Restoration Program Manager

Johnson Creek Watershed Council



Johnson Creek Watershed Council– Established 1995



Land Use

- Access and use of the creek and tributaries has been a recurring conversation with a few key areas of concern.
  - Industry
  - Agriculture
  - Private land ownership
  - Minimal infrastructure for public access
    - Bad reputation, flashy and flood prone and polluted



What are the conditions?

- The ecological significance is well documented and well known to the restoration community, and the awareness at the public level could always be improved. Key areas of our watershed are still affected. Some limiting factors are:
    - Fish Passage
    - Water Quality
        - Temperature
        - Stormwater input
        - Turbidity
    - Four C's for Fish
- Restoration? Enhancement? Conservation?
    - Yes to all three!



What has been done?

- Previous projects from the WC have been:
  - Culvert replacements and removals
    - Badger Creek, Kelley Creek, North Fork Johnson Creek, Mitchell Creek
  - Dam removal - Kelley Creek
  - Habitat Enhancement
    - Confluence x2, ODOT HWY 224, Tacoma St Max Station





Kelly Creek Dam Removal

Mitchell Creek Culvert removal

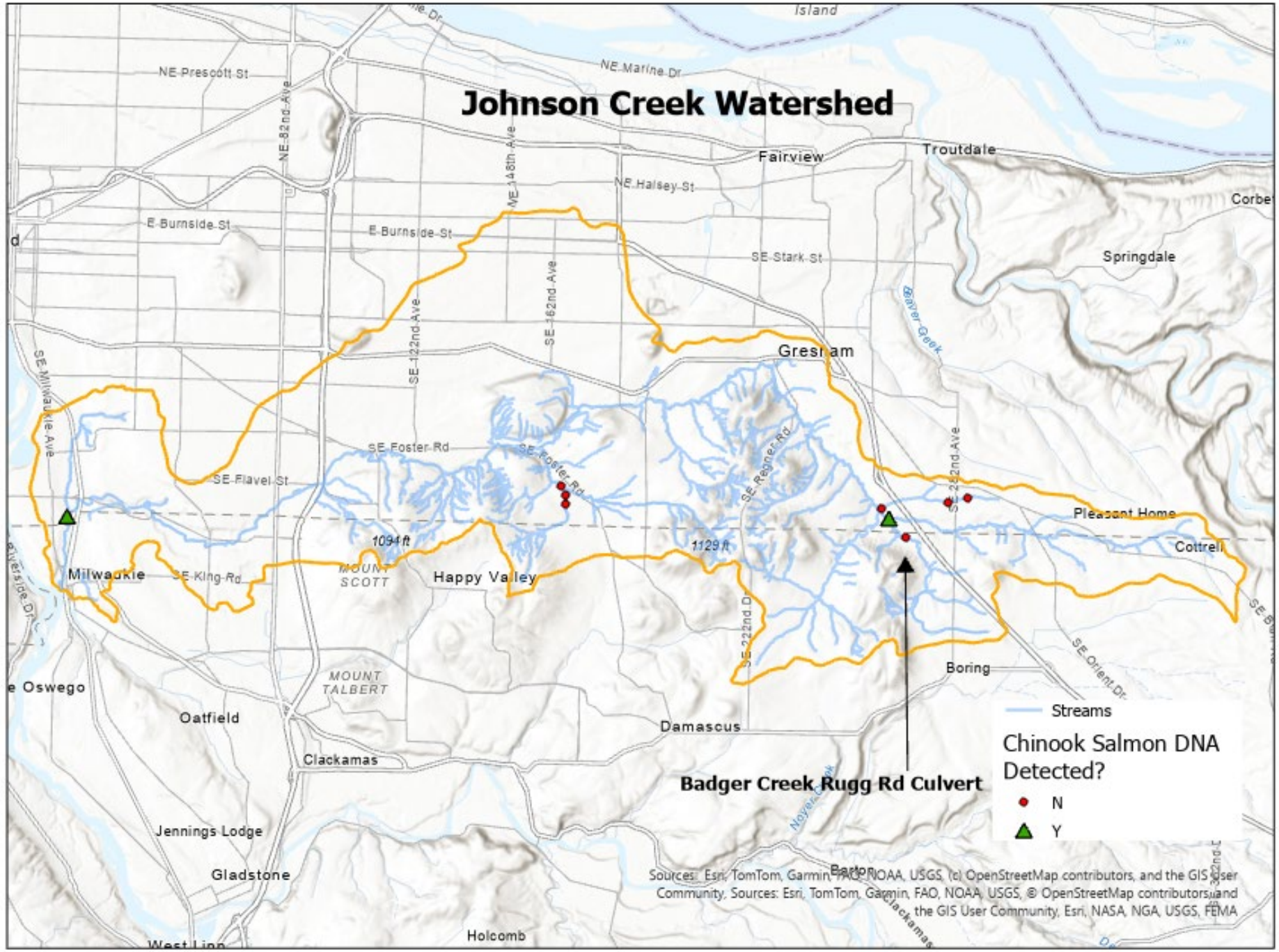




Why does it matter now? Revisiting the Confluence in 2025






Johnson Creek Watershed
NE Prescott St
NE 82nd Ave
NE Marine Dr
NE 148th Ave
Fairview
Troutdale
NE Halsey St
E Burnside St
SE Stark St
Springdale
SE 162nd Ave
SE 122nd Ave
Gresham
Beaver Creek
SE Milwaukie Ave
SE Foster Rd
SE Flavel St
SE Regner Rd
SE 252nd Ave
Pleasant Home
1094 ft
1129 ft
Cottrell
Milwaukie
SE King Rd
MOUNT SCOTT
Happy Valley
Riverside Dr
Oswego
MOUNT TALBERT
Boring
SE Orient Dr
Oatfield
Damascus
Clackamas
Badger Creek Rugg Rd Culvert
Jennings Lodge
Gladstone
Holcomb
Streams
Chinook Salmon DNA Detected?
N
Y
Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Esri, NASA, NGA, USGS, FEMA

Badger Creek and Rugg Road Culvert

- Completed Summer 2026

Before Upstream





Removal





Installation





Construction Completion



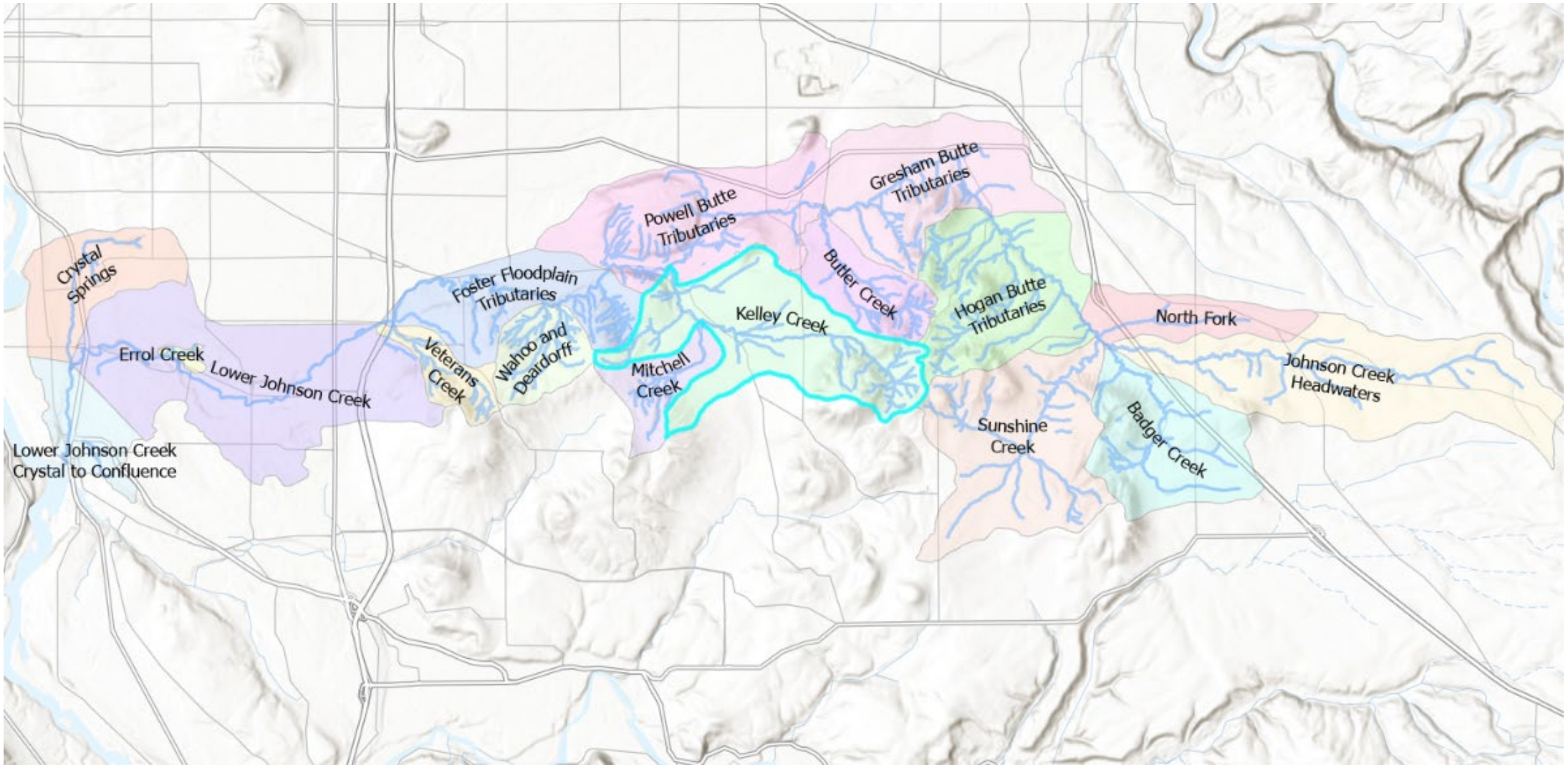


The Work Continues

- North Fork Johnson Creek culvert removal at Peppers Farm
- Process Based Restoration Program (Low-Tech Based Restoration)
- Atlas Restoration Prioritization Framework



How’s that going to work?



Partners and Getting Involved

Take a look at out website for ways to get involved and thank you to our partners!













