

# East Fork Knotweed Control Partnership

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2020 UPDATE

PRESENTED BY: BRAD MEAD, CLARK PUBLIC UTILITIES



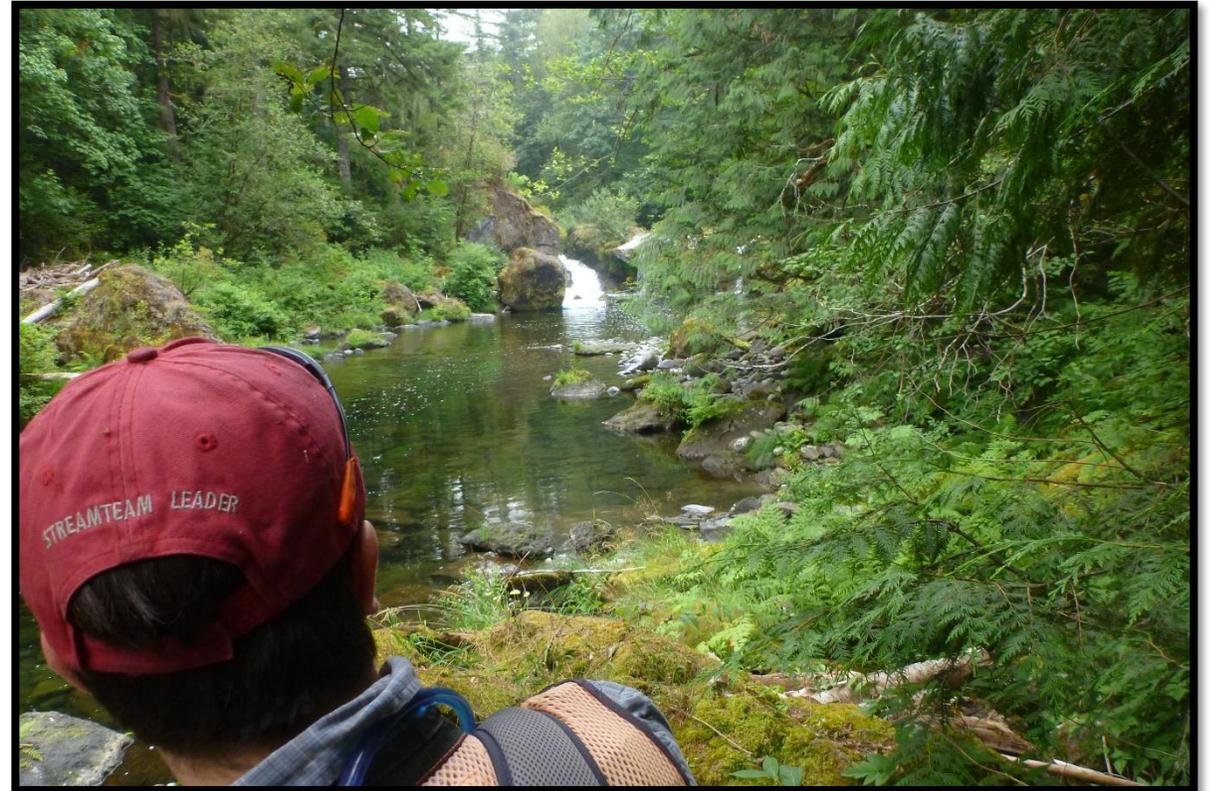
# Goals

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Document knotweed and EDRR distribution throughout the East Fork Lewis River watershed

Control the spread of knotweed and other EDRR riparian species

Restore non-ephemeral habitats



# Partners

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Clark County Vegetation Management



Skamania County Noxious Weed Control Board



Columbia Land Trust

PNW Wild Fish Rescue



Clark Public Utilities



Gifford Pinchot National Forest



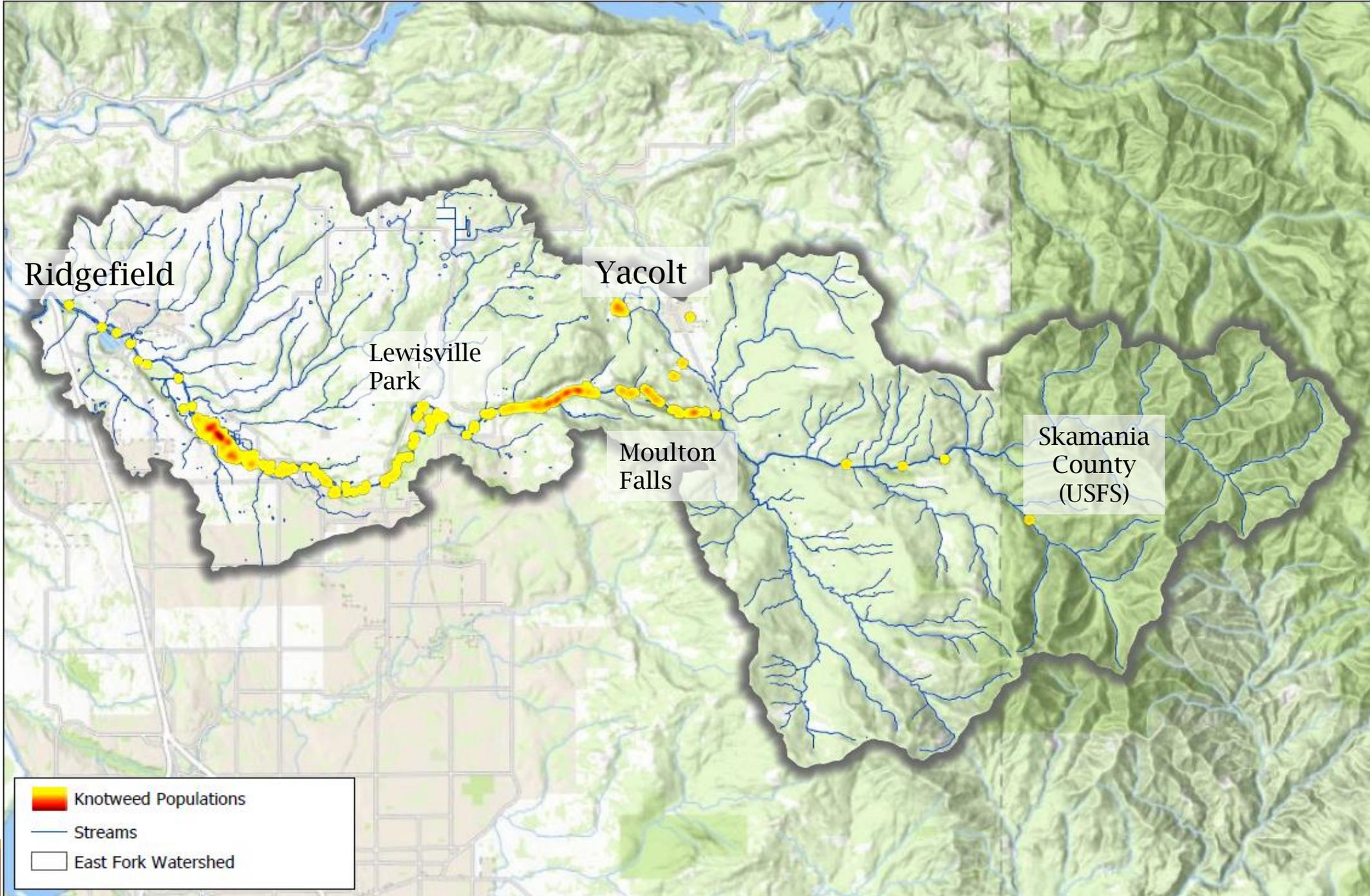
Cowlitz Tribe

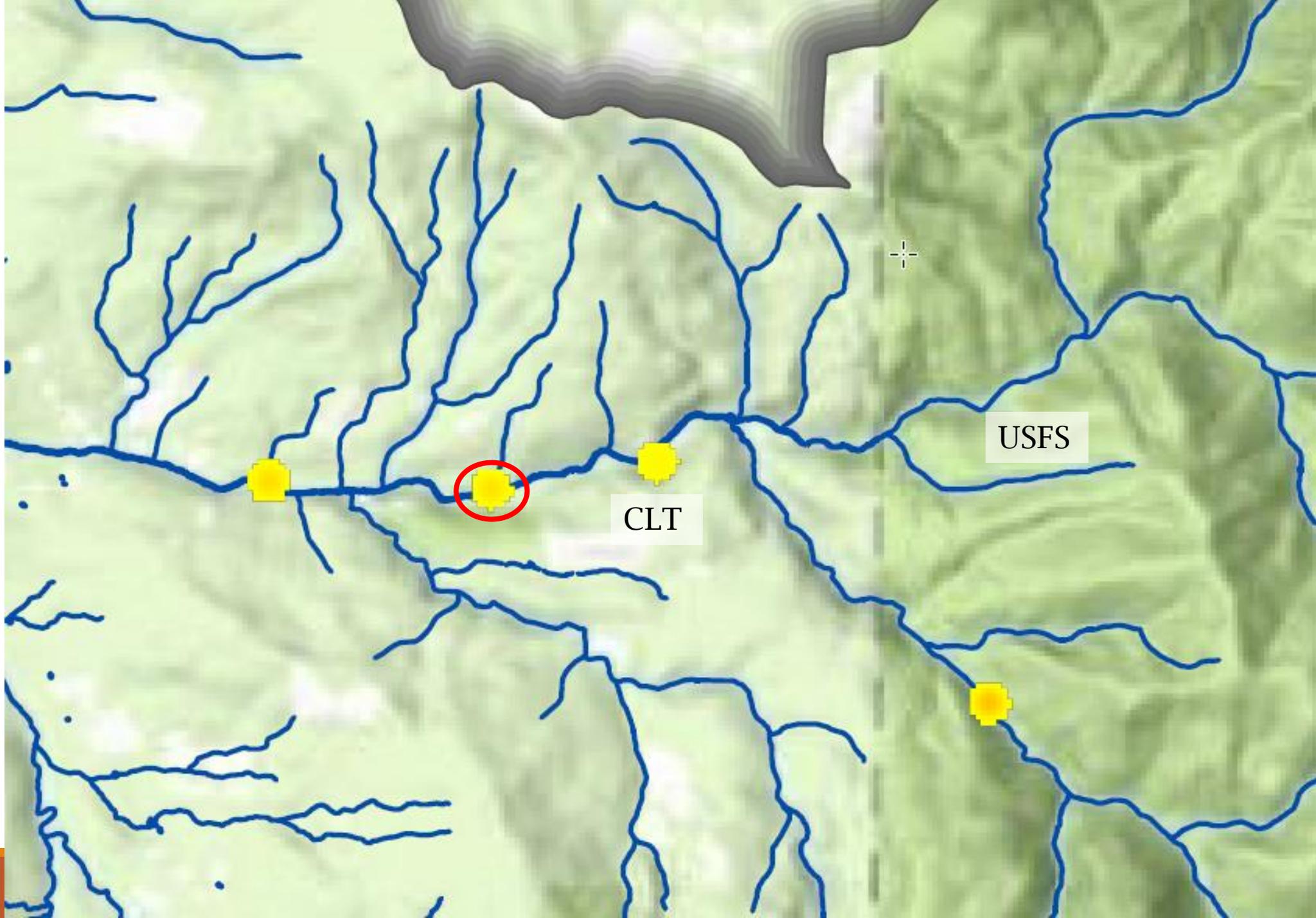


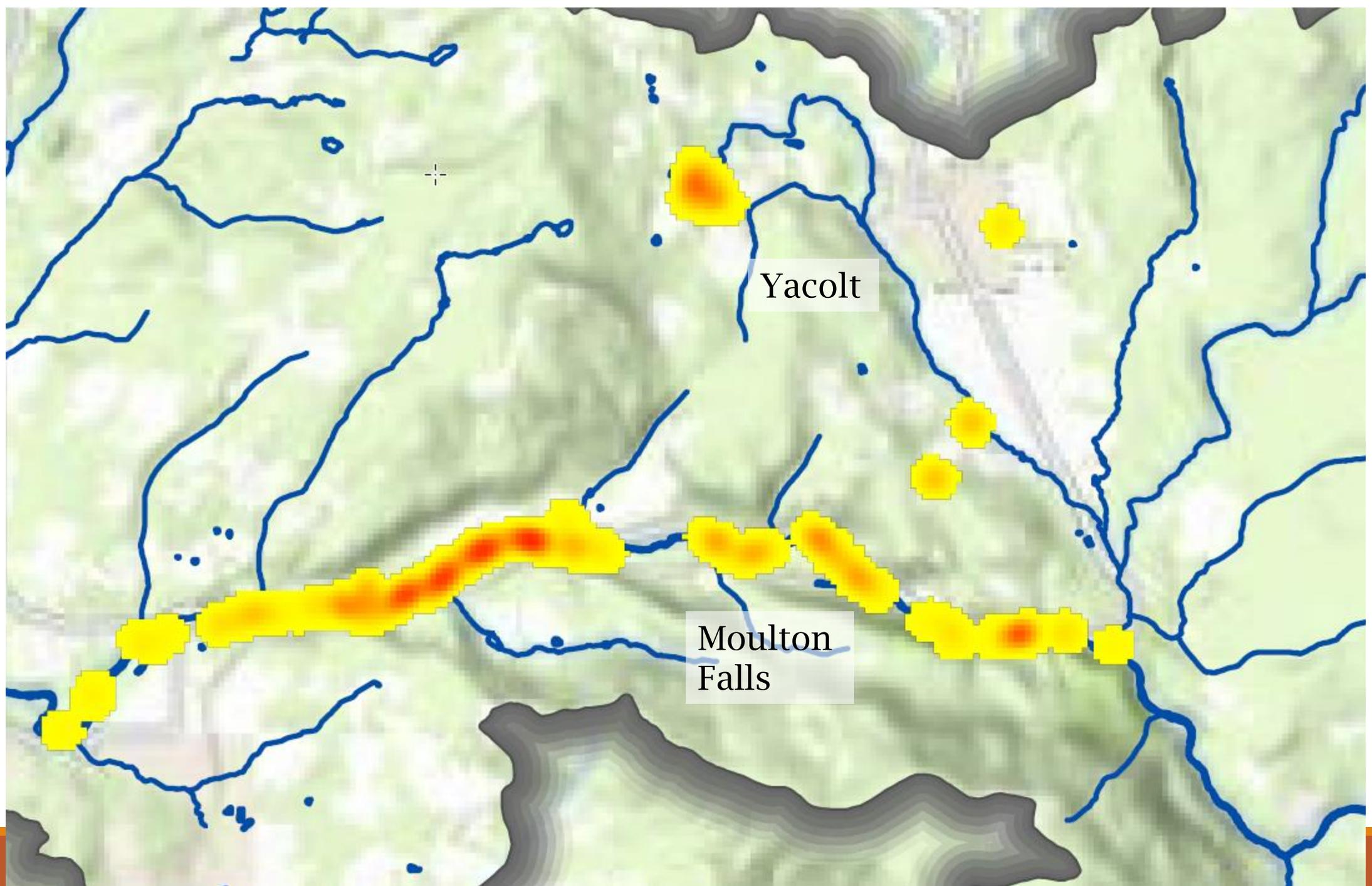
Fish First



Friends of the East Fork

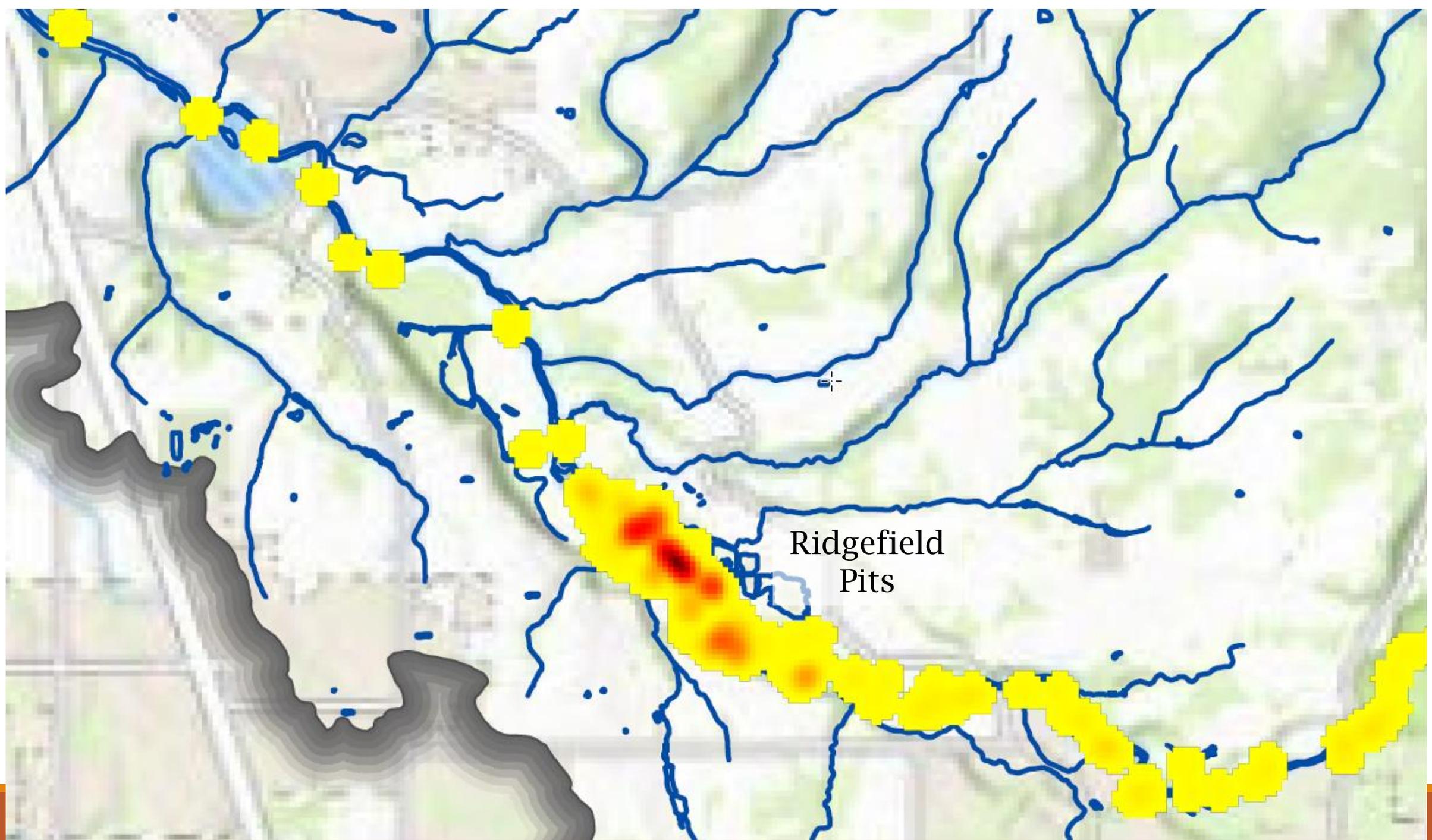






Yacolt

Moulton  
Falls



7/2014

# Knotweed!

Results you can see from Space

Legend



4/2015

# Daybreak Sheds/Storedahl Post treatment

Legend



# JK Control Notes for County Properties

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Below SR 503, patches > 10,000 sq feet were common

Population size and distribution decreases in the wetlands around La Center

In Daybreak area alone, over 650 gallons of herbicide applied since 2015

Major reduction in herbicide use the last few seasons is sign things are heading in the right direction

Currently, patches rarely exceed 30' diameter







2017 Japanese Knotweed Infestation  
Before Treatment



2019 Post Treatment

# EF Knotweed Statistics



54 Net Acres of knotweed recorded in the watershed



140 Gross Acres of knotweed treated since 2016



179 Miles of streams of been surveyed since 2016



1400 + volunteer hours from community members since 2016

# Invasive Species Distribution

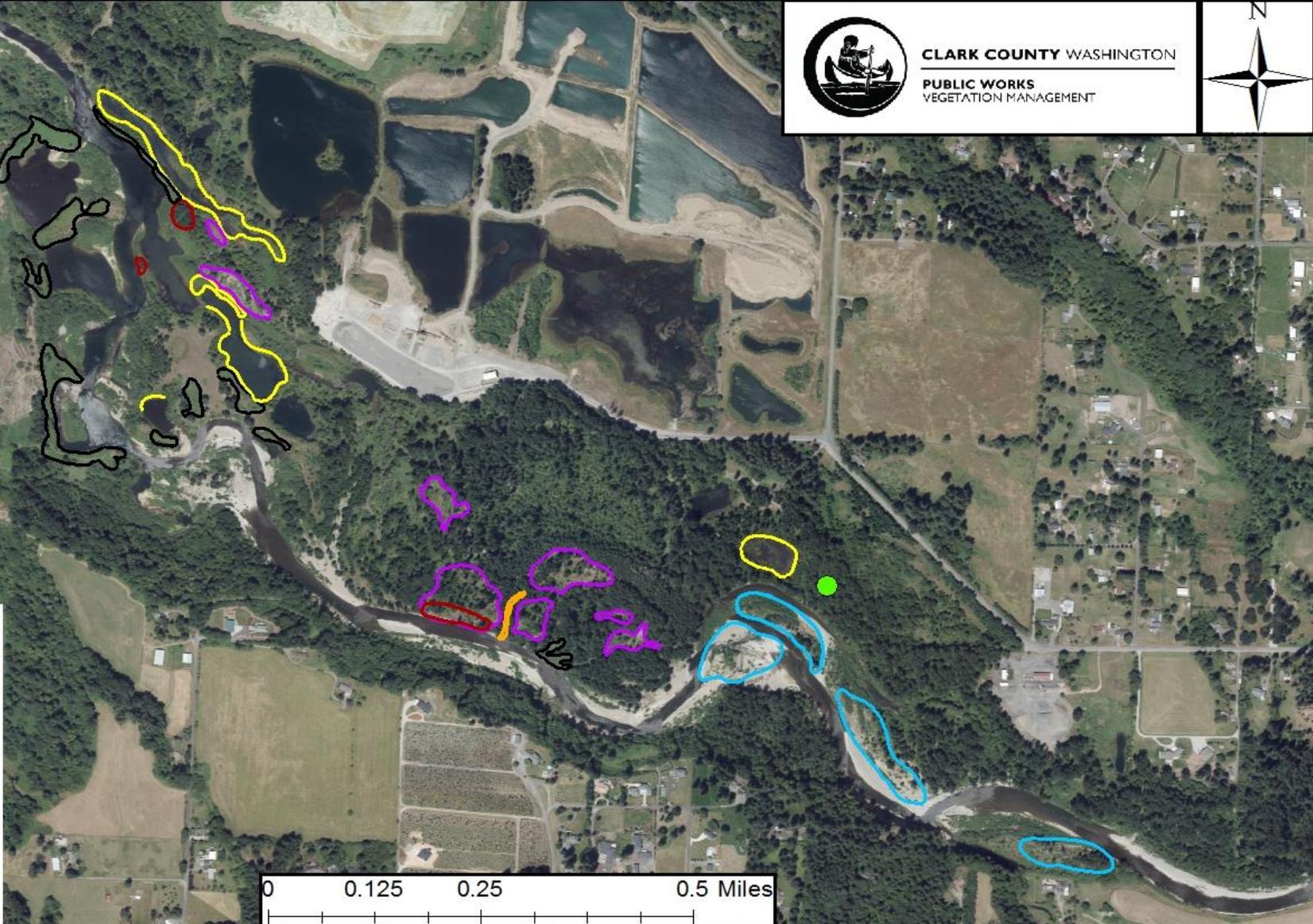


CLARK COUNTY WASHINGTON  
PUBLIC WORKS  
VEGETATION MANAGEMENT



**Legend**

- False Brome
- Black Locust
- Butterfly Bush
- Shiny Geranium
- Meadow Knapweed
- Yellow Flag Iris
- Himalayan Blackberry



0 0.125 0.25 0.5 Miles

# False brome

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Border of Columbia Land Trust and Daybreak Park

Vector?

The reed canary grass of the forest

Drought and shade tolerant

Competitive in multiple environments

- Conifer understory
- Riparian
- Open meadows

Eradicated?

Multiple sites in Clark County

Be on the lookout in upper watershed



# Plans for 2020

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Expand focus to include Early Detection Rapid Response species list

Monitor for sensitive species during survey/treatment activities

Continue treatment on regular schedule until eradication is achieved

