



# Pete Schmidt

## Wildlife Biologist



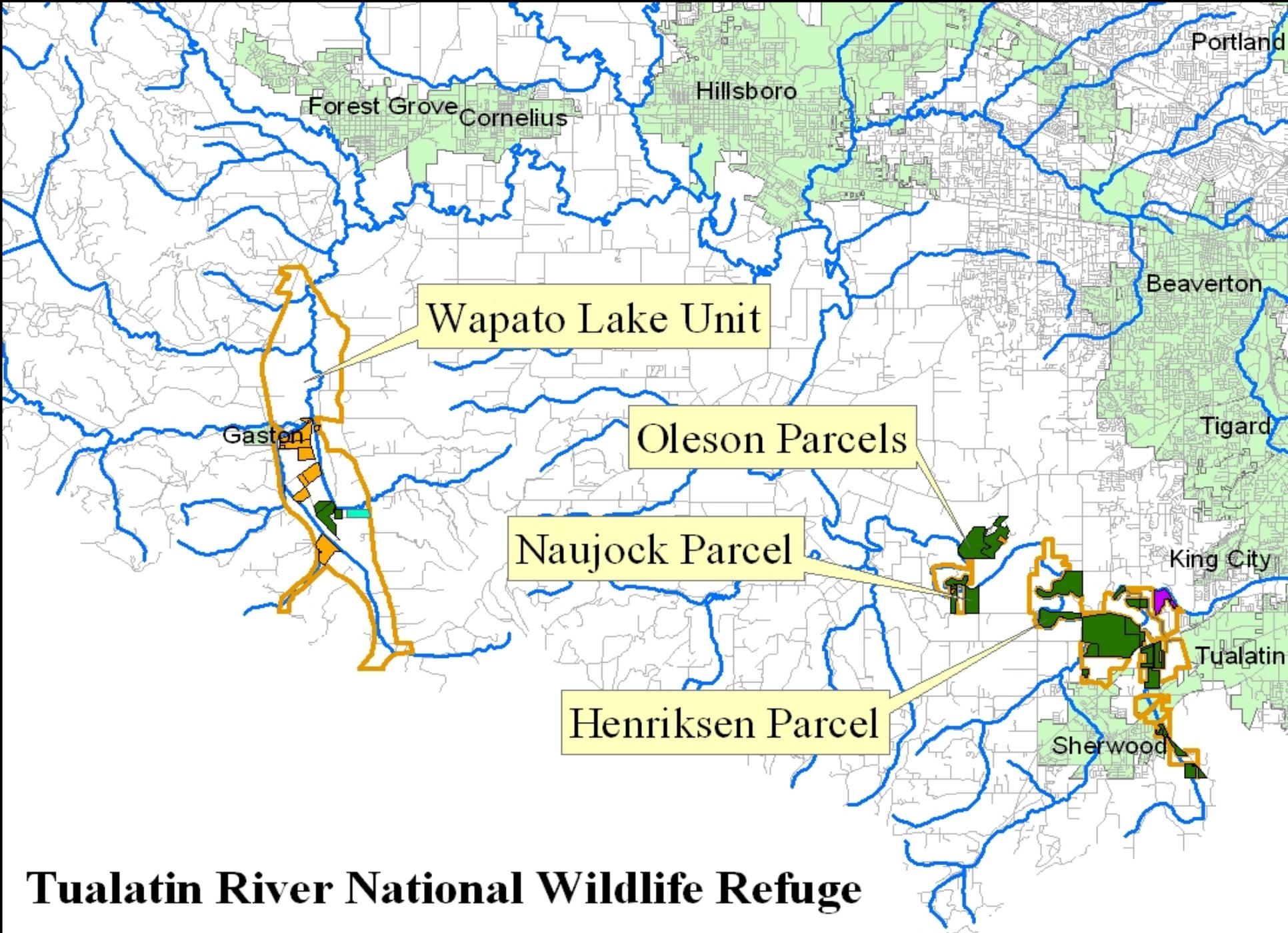
March 2009

# Overview

- Location
- Importance to Fish & Wildlife
- Acquisition
- Restoration
- Maintenance
- Monitoring & Evaluation



Sherwood, Oregon



Forest Grove

Cornelius

Hillsboro

Portland

Wapato Lake Unit

Beaverton

Gaston

Oleson Parcels

Tigard

Naujock Parcel

King City

Henriksen Parcel

Tualatin

Sherwood

# Tualatin River National Wildlife Refuge

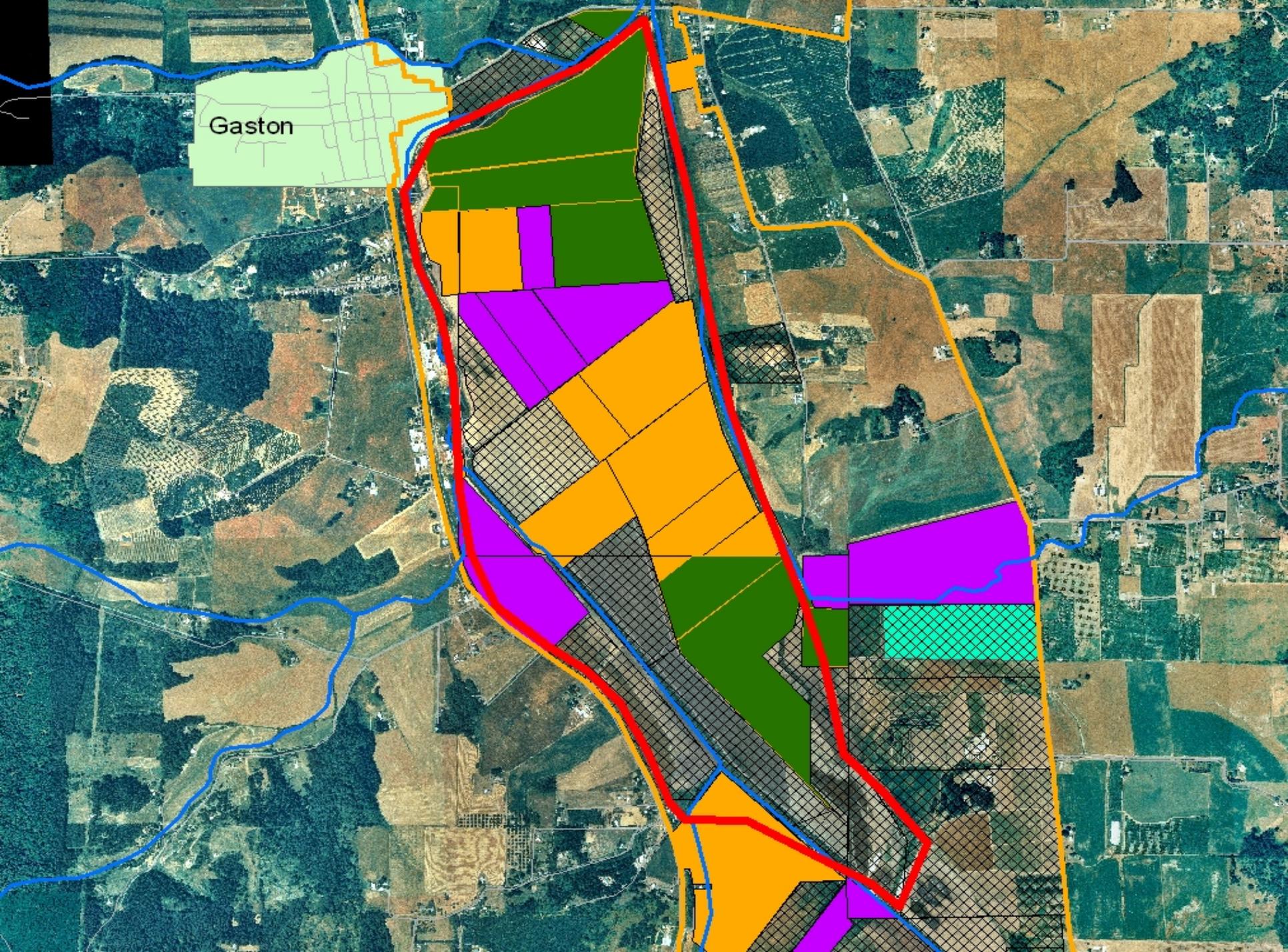
# Why is this area important?

- Tualatin River basin heavily impacted
- Largely an undammed system
- Anadromous fish remain
- Abundant wildlife remain
- Others working to improve habitat
- Connectivity of habitat

# Acquisition

- Location

Gaston



# Acquisition

- Location
- History
- Wildlife & anadromous fish
- Local support
- MBCC support

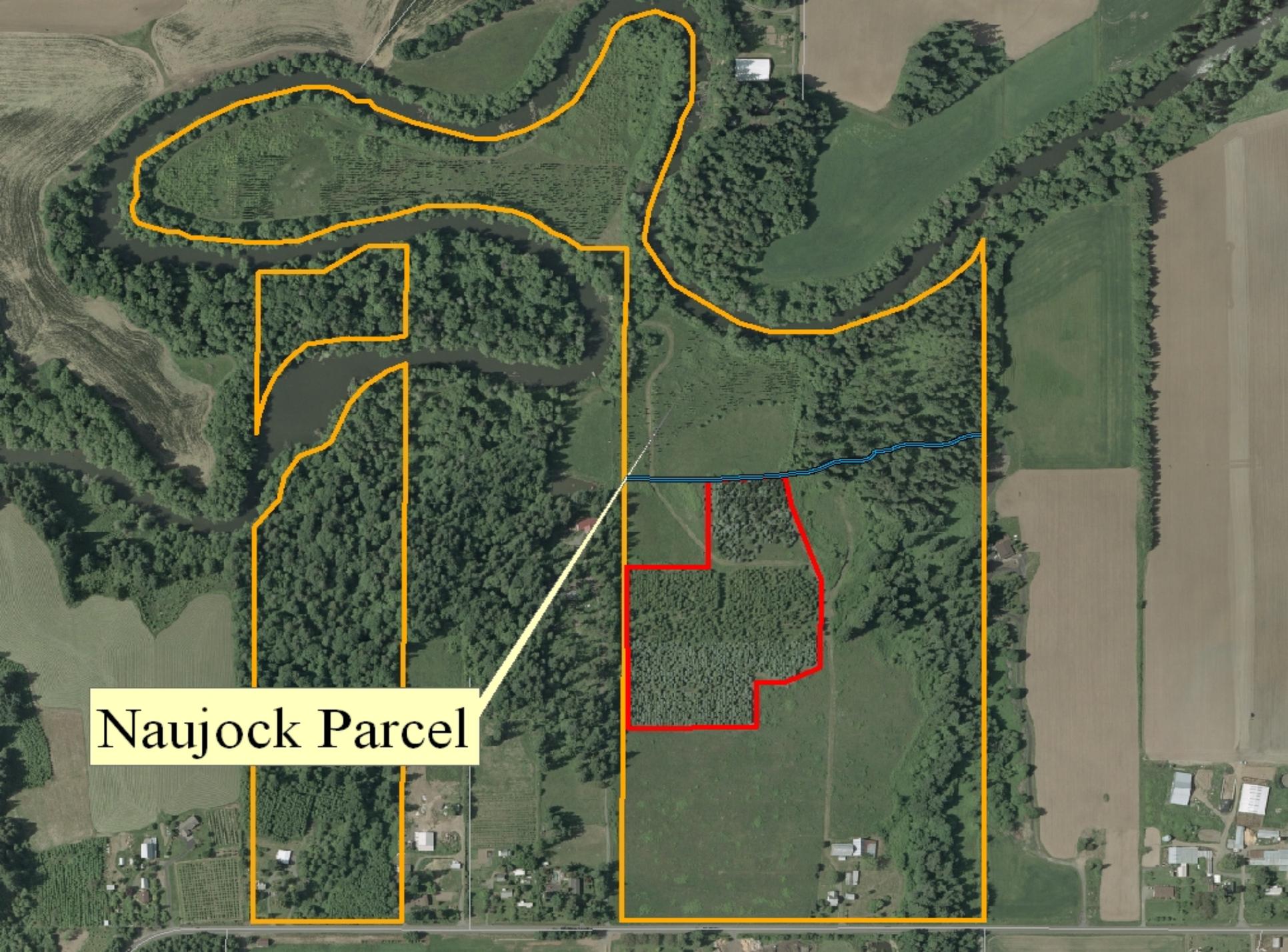
# Habitat Types

- Seasonal, forested, & scrub shrub wetlands
- Riparian forest
- Wet meadow and upland prairie
- Oak savanna



# Restoration

- Locations

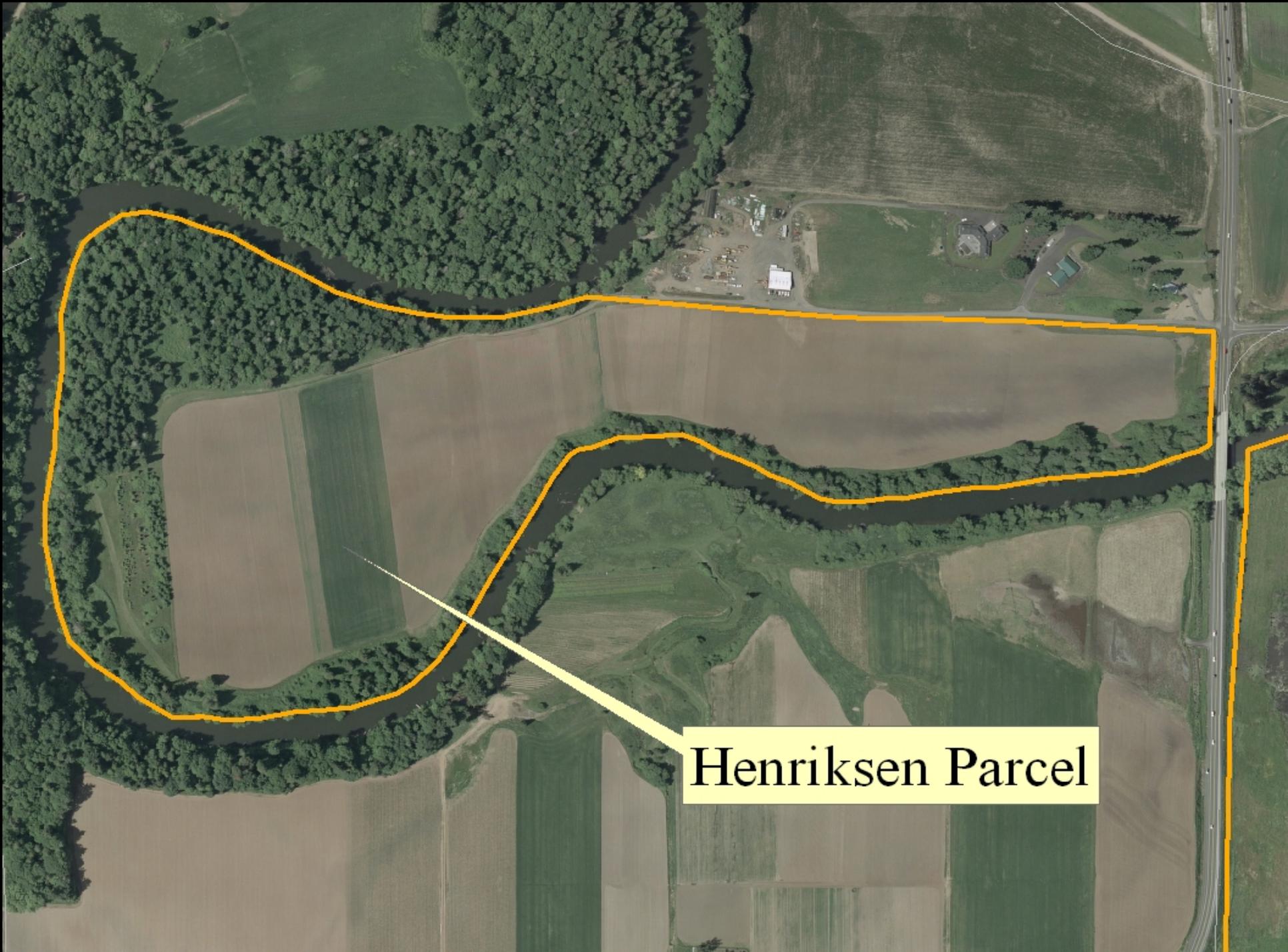
An aerial photograph of a rural landscape. A large parcel is outlined in yellow, containing a winding stream, dense forest, and agricultural fields. A smaller, irregularly shaped parcel within the yellow-outlined area is outlined in red. A blue line, possibly a road or utility line, crosses the red-outlined parcel. A yellow callout box with a white background and black text points to the red-outlined parcel. The surrounding area includes various agricultural fields, some bare and some green, and scattered farm buildings.

Naujock Parcel









Henriksen Parcel



# Restoration

- **Locations**
- **Past success & learning**
- **Benefits to anadromous fish**
- **Benefits to wildlife**

# Maintenance

- Maximize fish & wildlife benefits
- Invasive species control
- Maximize HU's (2016)









# Monitoring & Evaluation

- **Evaluating effectiveness**
  - Survivorship & growth
- **Monitoring vegetation response**
- **Monitoring fish & wildlife use, trends**
  - Change in species composition?
  - Change in species abundance?

# Monitoring & Evaluation

- **Vegetation**
  - Trees, shrubs, grasses & forbs
- **Fish trapping**
- **Songbird point counts**
- **Wintering waterfowl**
- **Marsh bird, shorebird, wading bird**



# Partnerships

- Friends of the Refuge
- Tualatin Riverkeepers
- Tualatin Valley Soil and Water Conservation District
- Metro
- Ducks Unlimited
- Weyerhaeuser
- Prescott Bluebird Recovery Project
- AmeriCorps
- Recreational Equipment Incorporated

