

Catalyzing Landscape Conservation with Transformational Partners

TMDL Implementation
Bruce Roll, Director Watershed Management

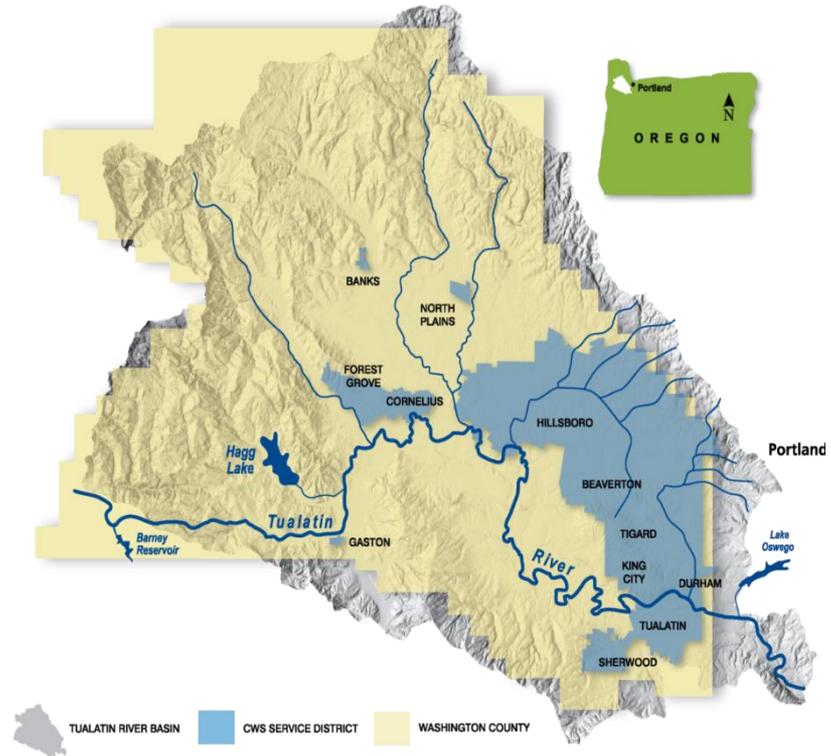


Tualatin River Watershed



Tualatin River Watershed

- 712-square mile basin, 80-mile river
- Only source is rainfall
- 15% Urban
- 35% Agriculture
- 50% Forestry



Landscape Conservation Values



Watershed
Resilience



Connected Habitat
and Biodiversity



Recreation and
Human Health



Cultural Heritage and
Local Sense of Place



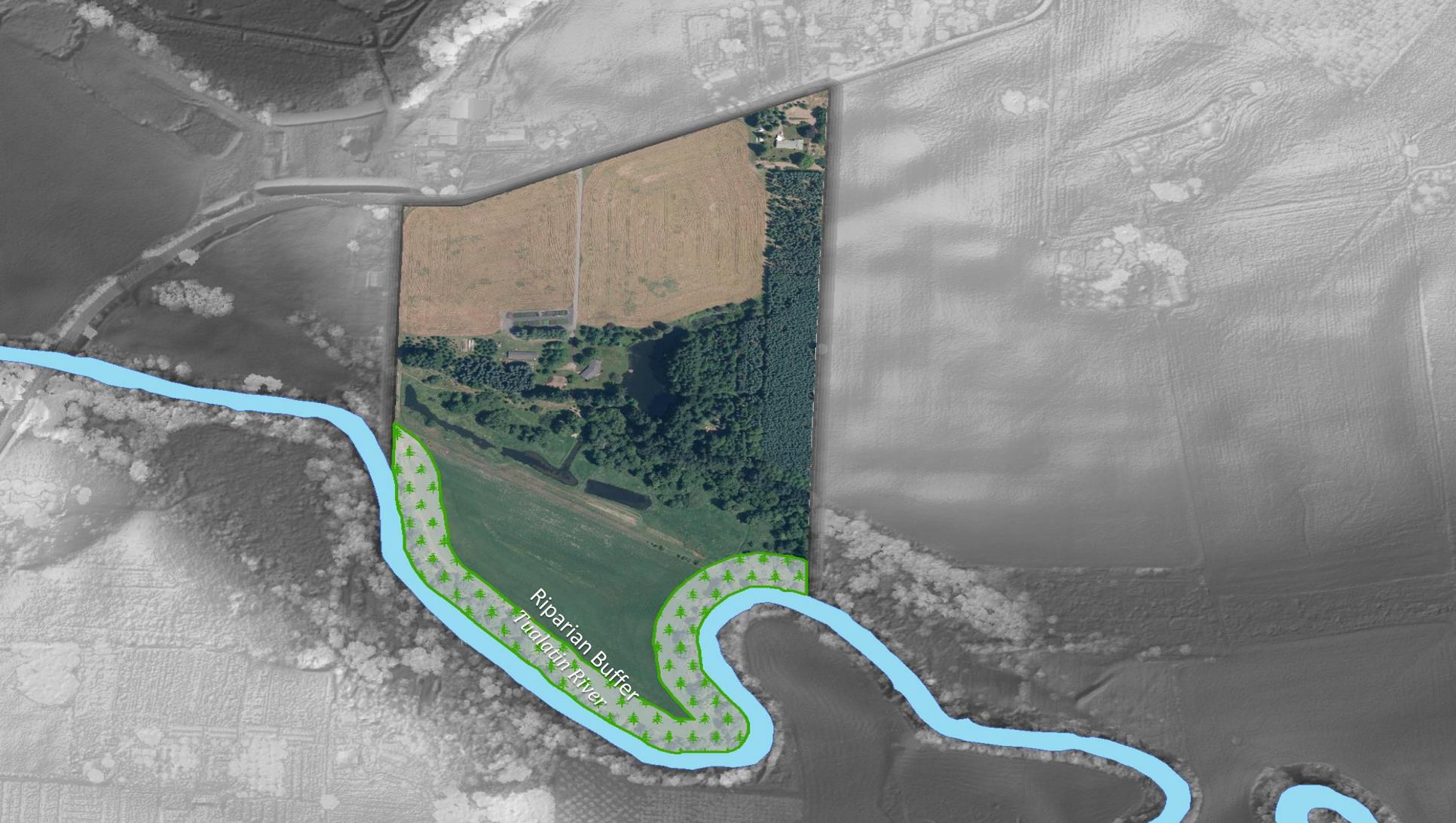
Sustainable
Economies



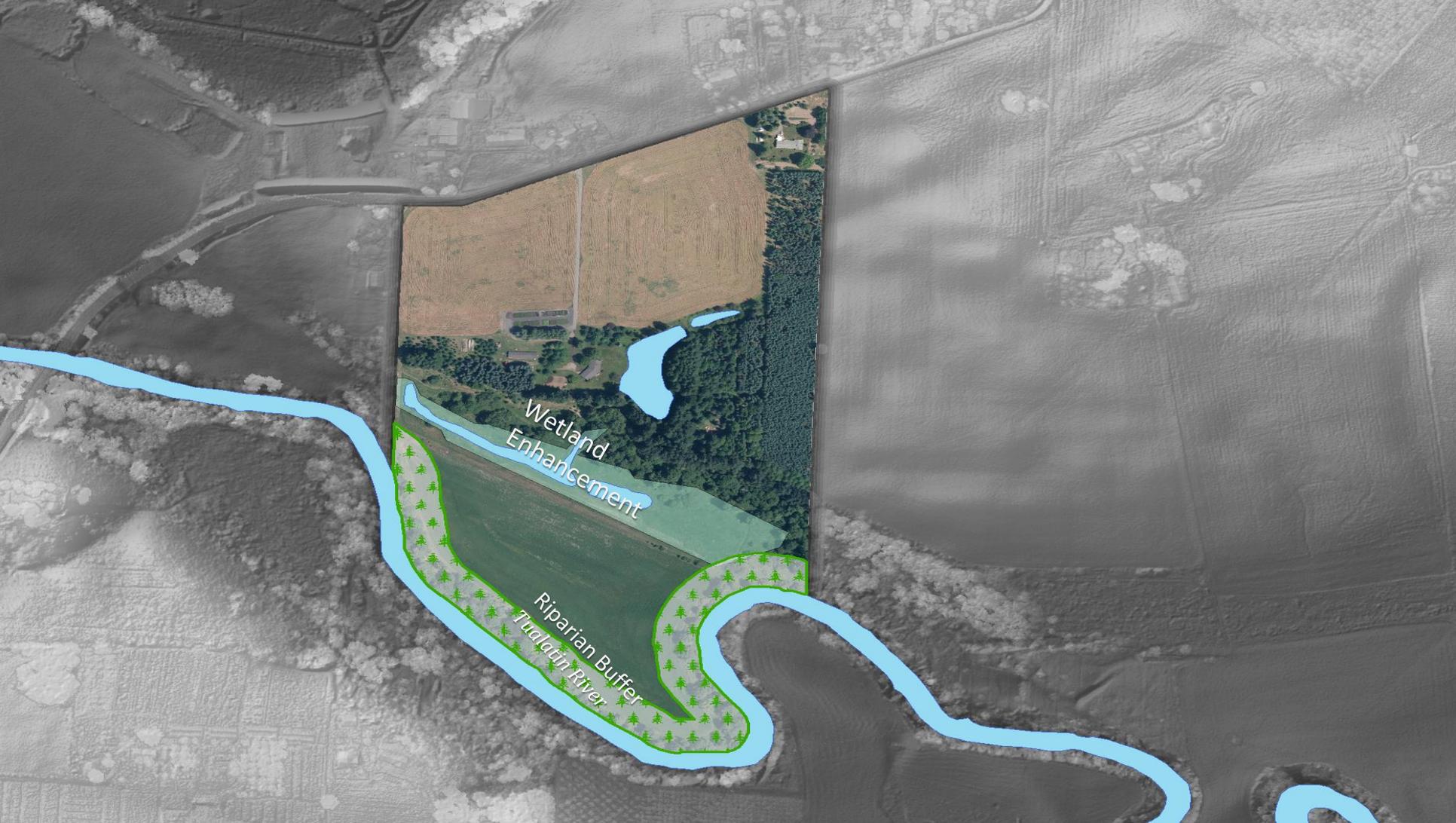
One Water



Tulalain River



Riparian Buffer
Tualatin River



Wetland
Enhancement

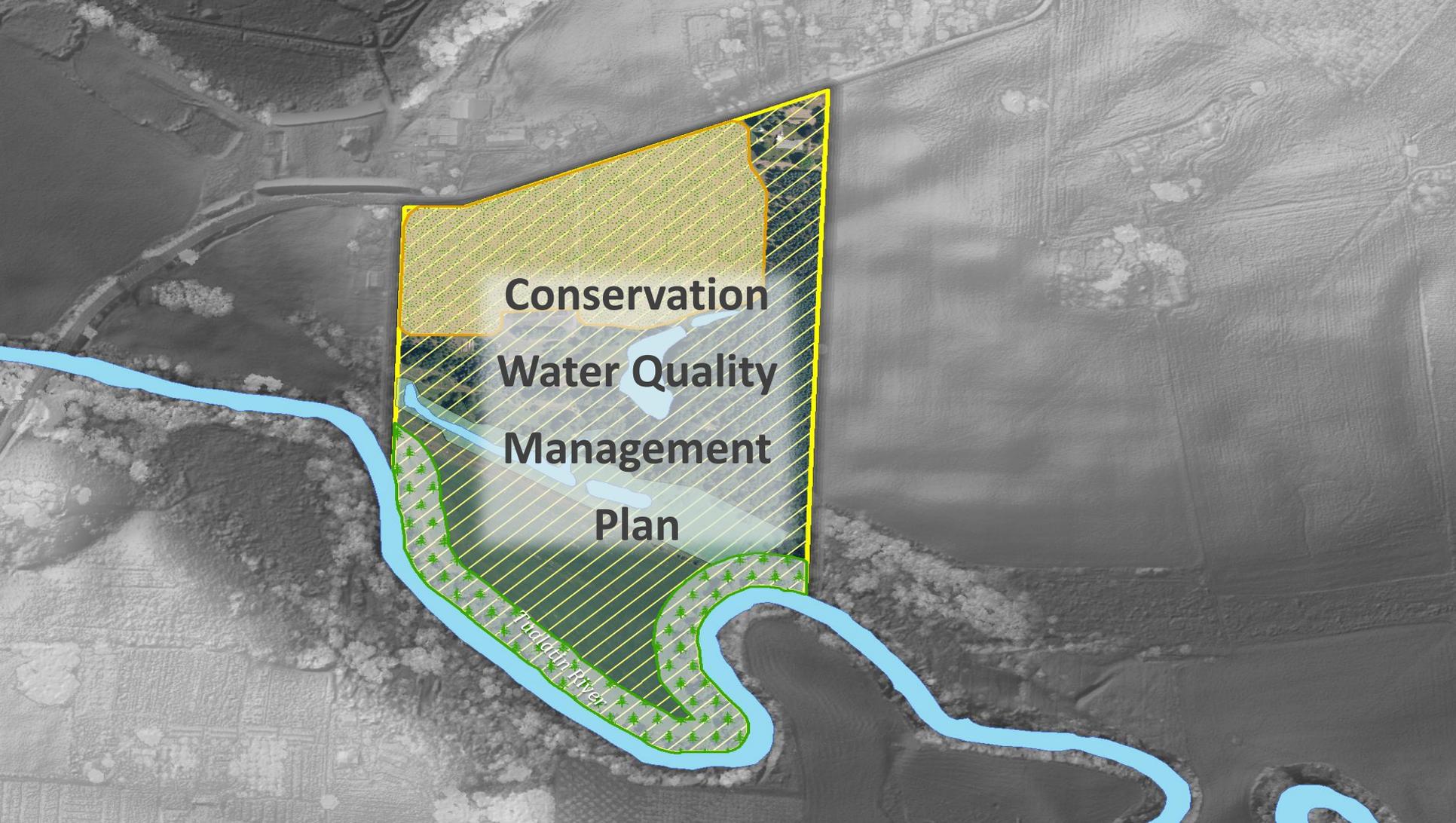
Riparian Buffer
Tualatin River



Irrigation
Efficiency

Wetland
Enhancement

Riparian Buffer
Tualatin River



**Conservation
Water Quality
Management
Plan**

Tueddun River



Image © 2012 Metro, Portland, Oregon

Google earth

6/11/2007
1995 2011

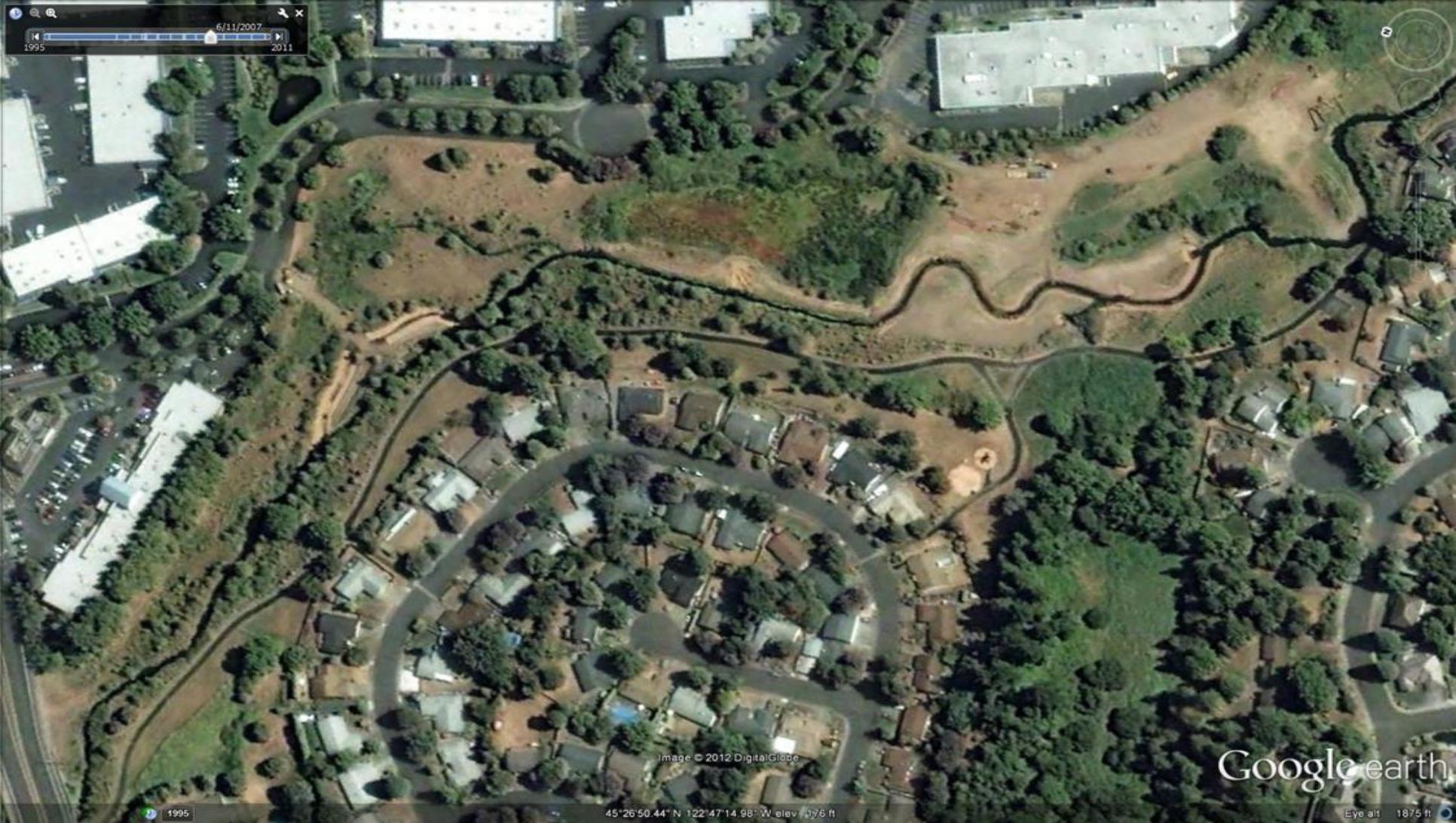


Image © 2012 DigitalGlobe

Google earth

1995

45°26'50.44" N 122°47'14.98" W elev 1176 ft

Eye alt 1875 ft

8/20/2011

8







Steps in the Watershed Planning Process

- Step 1:** • Build partnerships
- Step 2:** • Characterize your watershed
- Step 3:** • Finalize goals and identify solutions
- Step 4:** • Design an implementation program
- Step 5:** • Implement the watershed plan
- Step 6:** • Measure progress and make adjustments

Maybe there is another approach.....

TMDL

STORM WATER PLAN

REUSE MASTER PLAN

SALMON RECOVERY PLAN

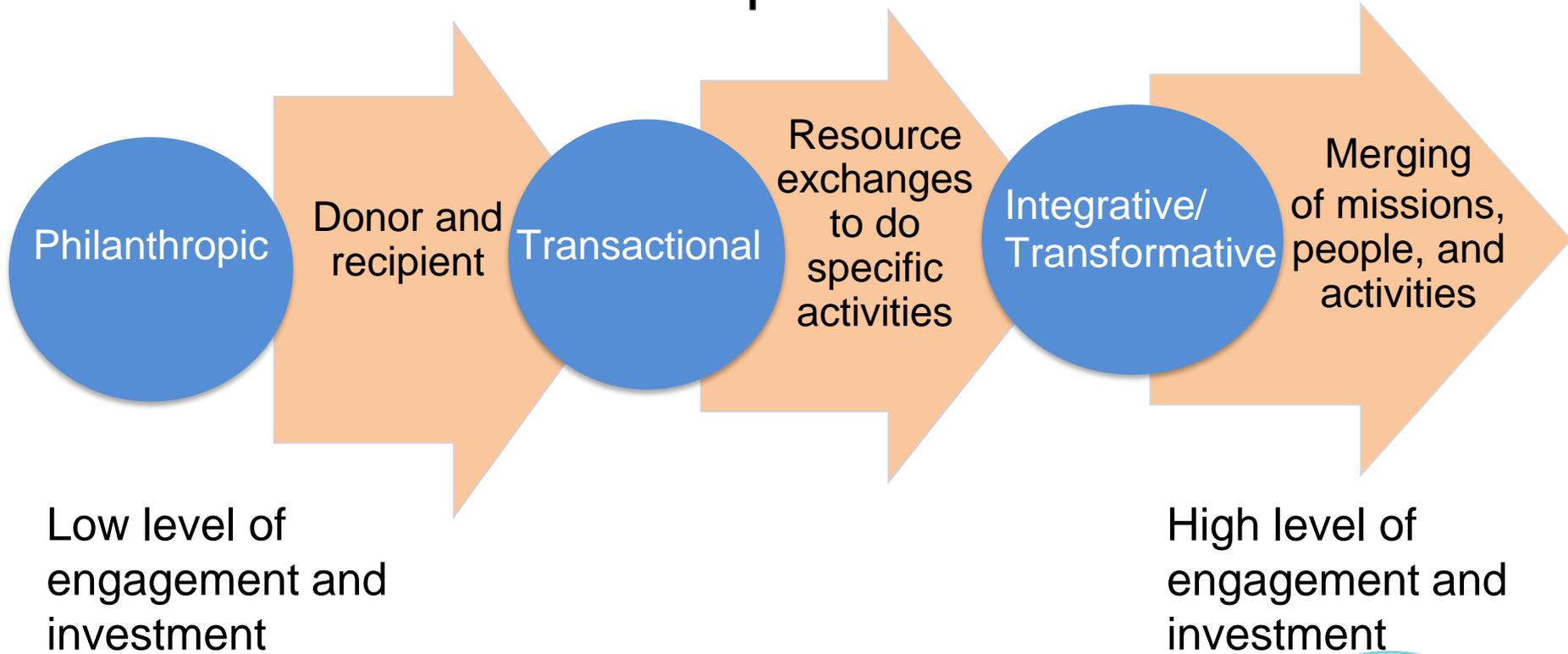
SOURCE WATER PROTECTION PLAN

PARTY PLAN

WATER QUALITY TRADING PLAN

BRUCES FUNERAL PLAN

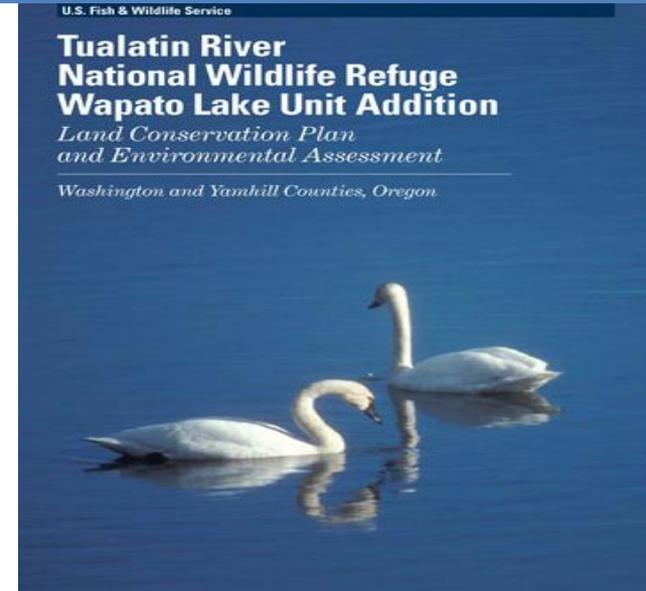
The Partnership Continuum





Results (Since 2004)

- 140 river miles restored (10 plus per year)
- A new National Wildlife Refuge
- 100 plus farms enrolled
- Cost to CWS \$15 million (leveraged \$200 million + through partnerships)
- Access to more than 30,000 acres
- 10 million plus native plants in the ground
- 700 projects completed



Questions



jointreeforall.org

