

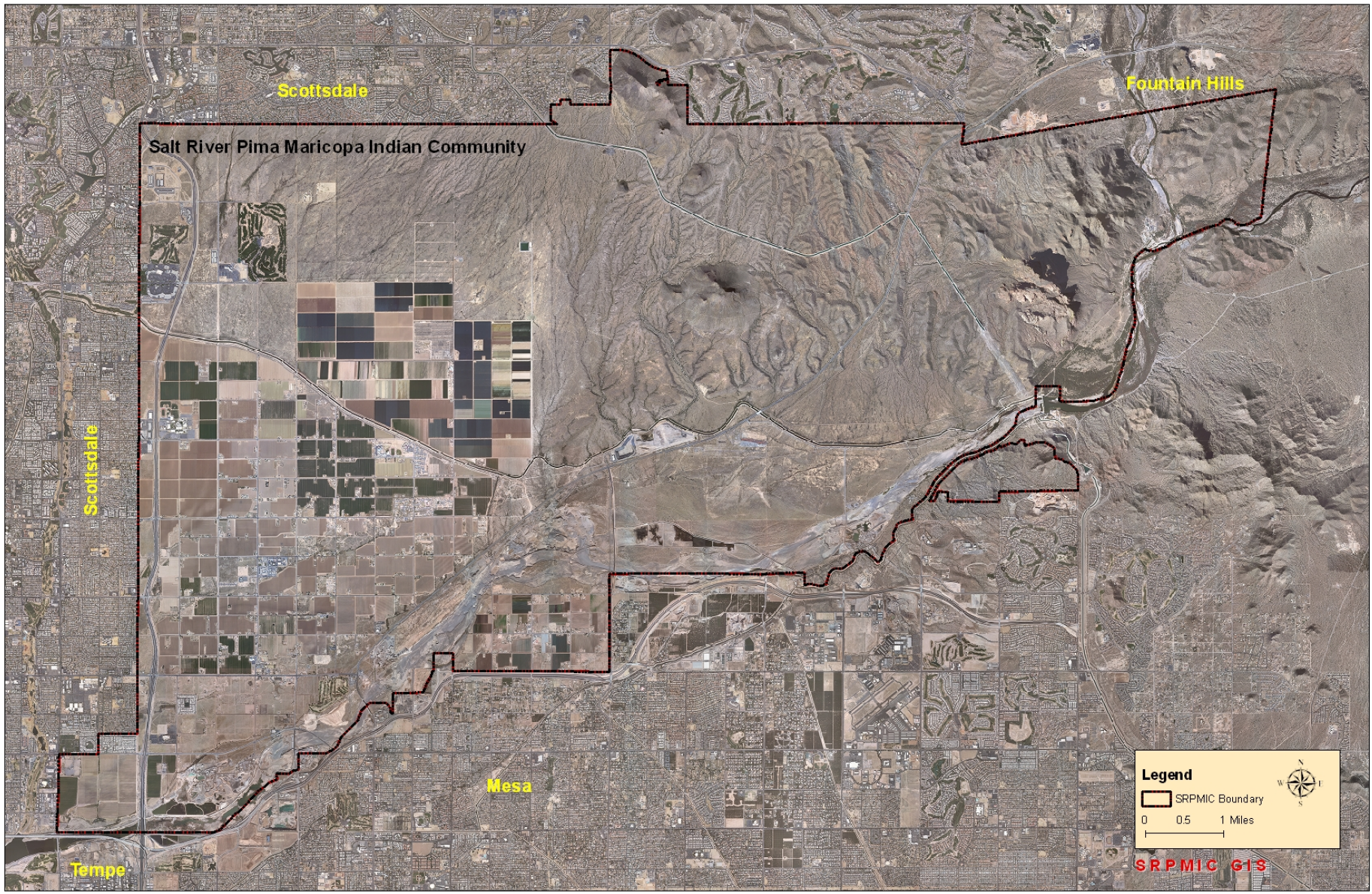


Environmental Activities of the Salt River Pima-Maricopa Indian Community

Presented by Thomas Krebs
Water Quality Program
CDD-EPNR



SRPMIC Location



Legend

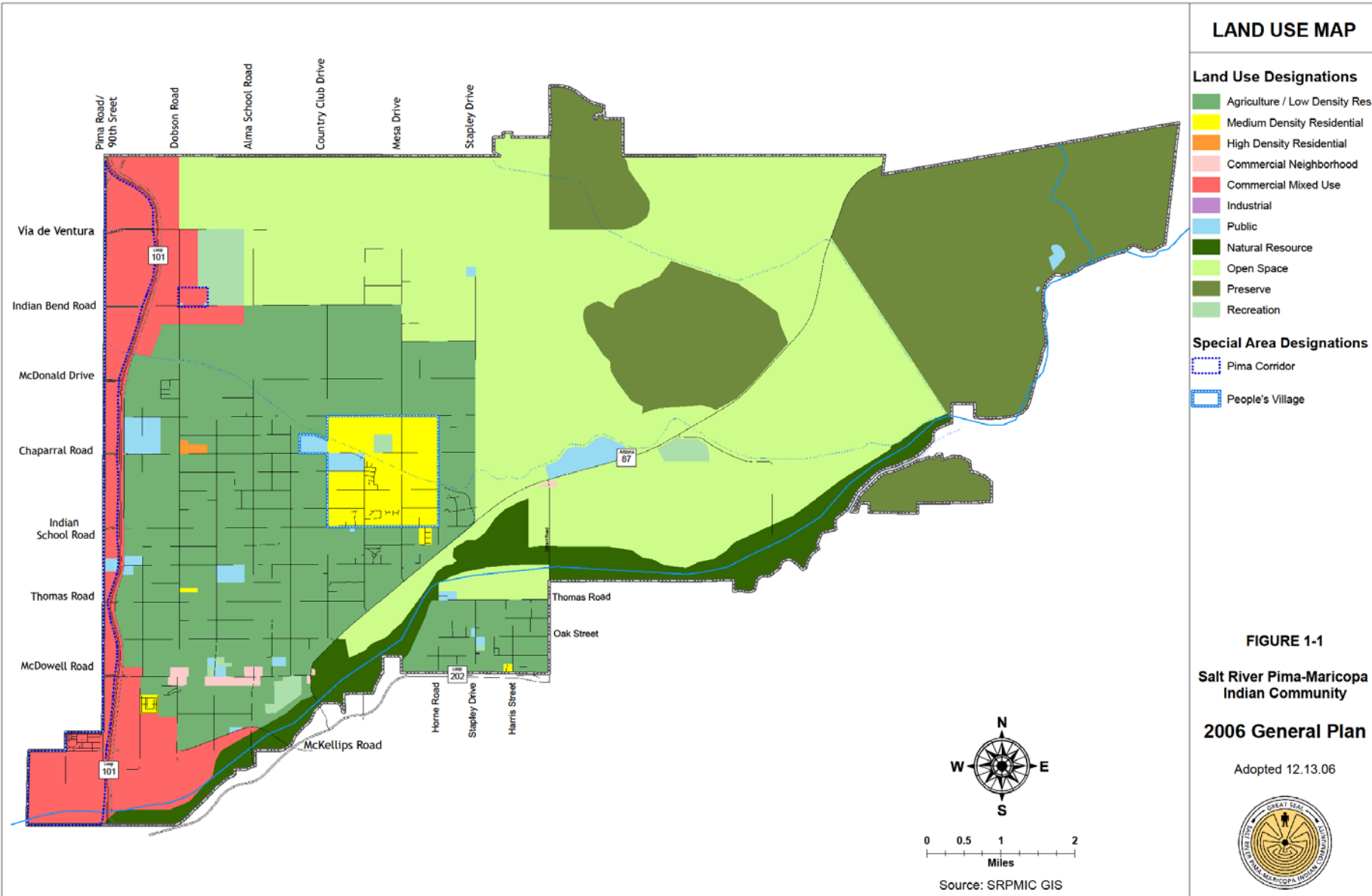
- SRPMIC Boundary

0 0.5 1 Miles

SRPMIC GIS



SRPMIC Natural Resources





Environmental Activities—Two Examples



WETLAND CREATION

- Cottonwood Wetland (2003, 2005)
- Lehi Wetland (2008)

Why were they created?

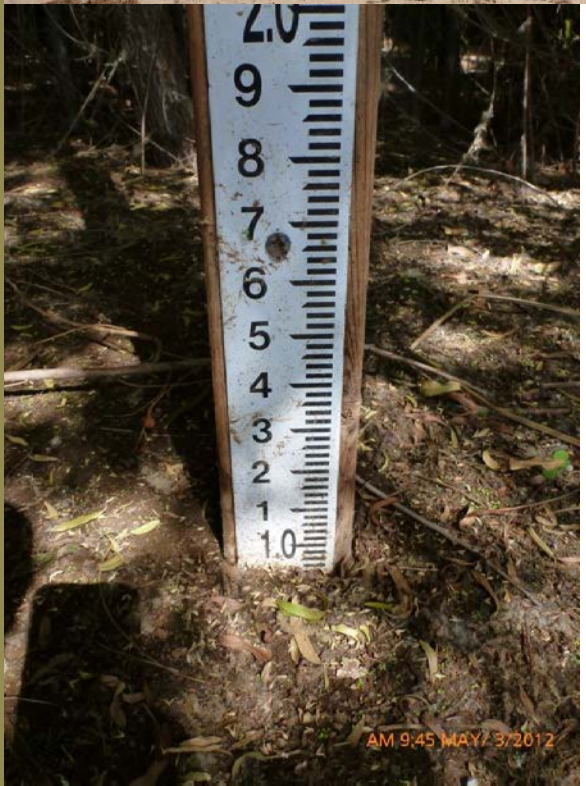
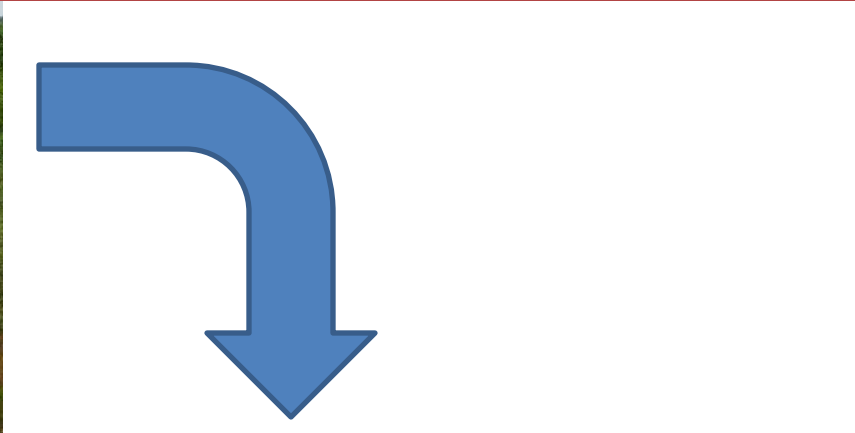
- To improve the **quality of the water** before it enters the river system.
- To provide **opportunities to teach** the Community about their water resources.
- To provide a source in the future for wetland **plants with traditional uses**

VERDE RIVER BANK and FLOODPLAIN RESTORATION

- Willow and Cottonwood Pole Plantings (2001, 2009)
- Bank stabilization (2009)



Cottonwood Wetland Before and After





Ecological Assessments



On-going Monitoring Activities

- Water Quality
- Macroinvertebrates
- Birds
- Plants



Outreach Activities



Types of outreach activities

- Earth Day service projects
 - Installing native plants
 - Using traditional permaculture techniques
 - Building benches
 - Building vatos
- Elementary School Parent night—Dragonfly craft
- High School presentations and Demonstations
- Fall Festival Booth—Game and passed out activity booklet
- Wetland Tours for Elders from the Senior Center
- Field trips for various groups including Girl Scouts, Recreation Department and Salt River schools
- Articles in the Au-Authm Action News
- Production of activity booklets
 - Watersheds
 - Wetlands



Outreach Activities





- Provide outreach opportunities for Elders to connect with the environment
- Educate and inspire youth to study, understand, and protect their resources
- Monitor wetland health
- Protect, enhance, and restore wetland resources as much as possible

