Pima County
Local Drought Impact Group

Intermountain West Drought Early Warning System

September 20, 2016

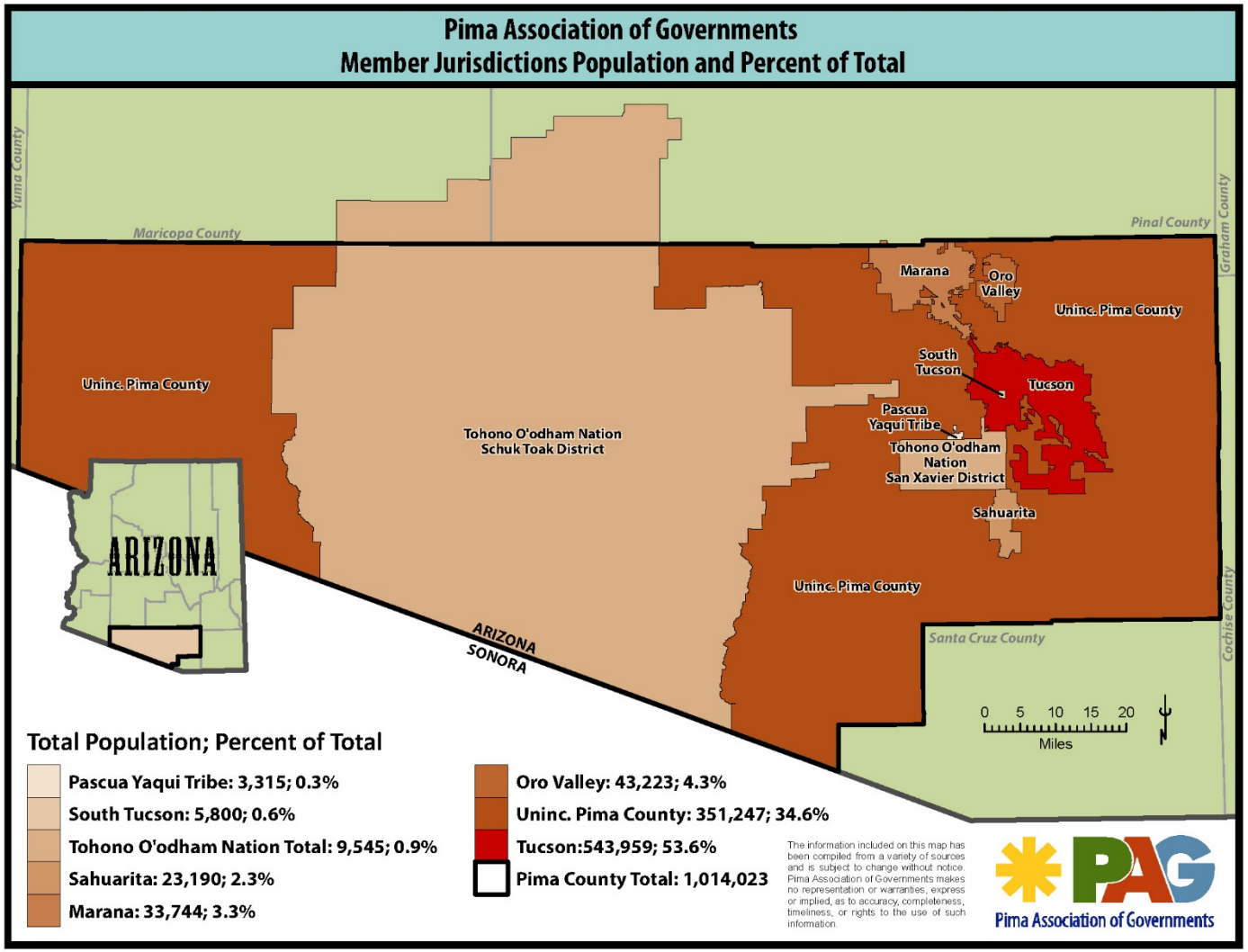
PIMA COUNTY

WASTEWATER RECLAMATION

Pima County

- 9,189 Square Miles
- 85% Land is Federal, State or Native American owned
- Population 1 million
- Unincorporated Population 351,247
- Tucson, Oro Valley, South Tucson, Marana, Sahuarita

Jurisdictions in Pima County

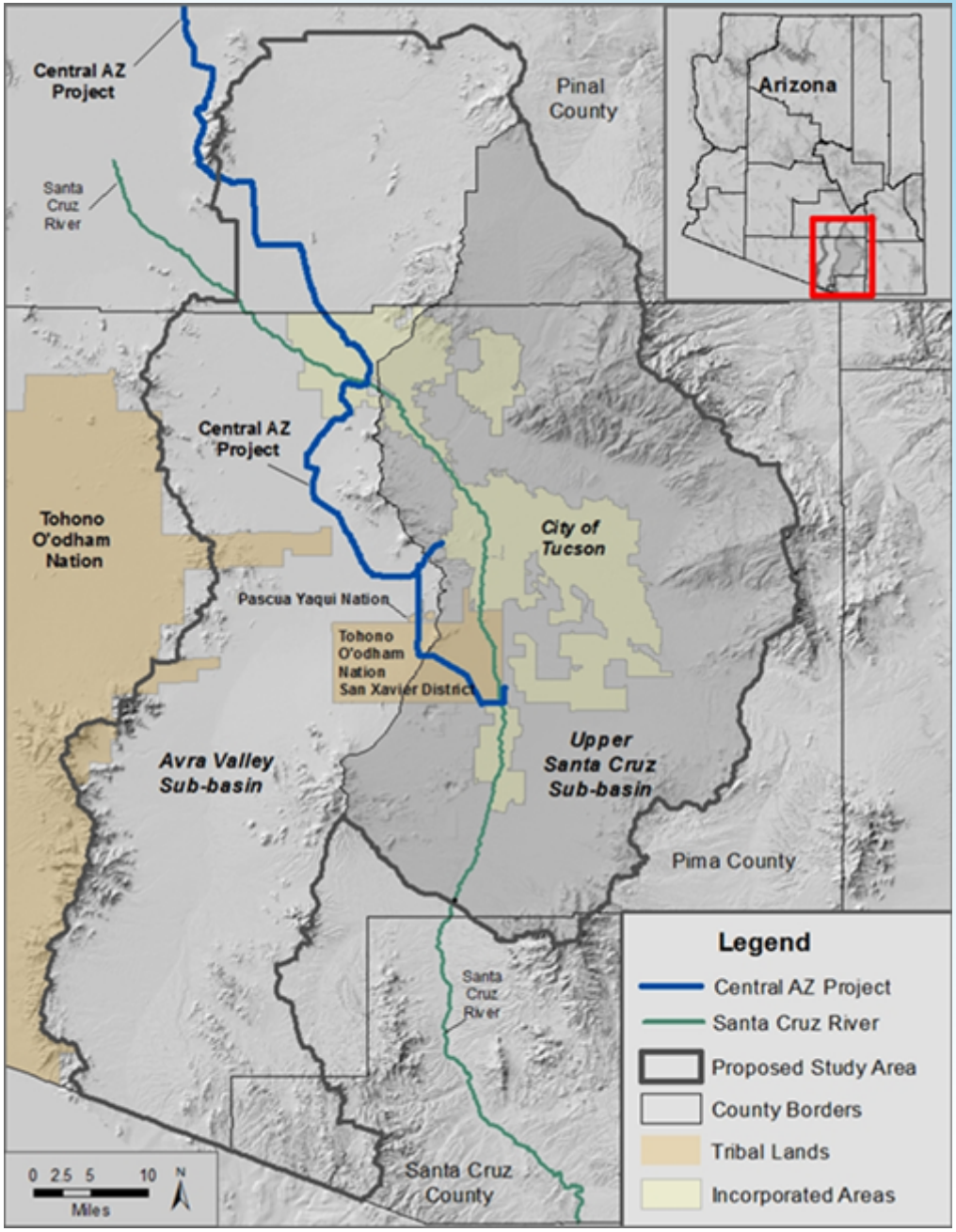


Pima County's Role in Water

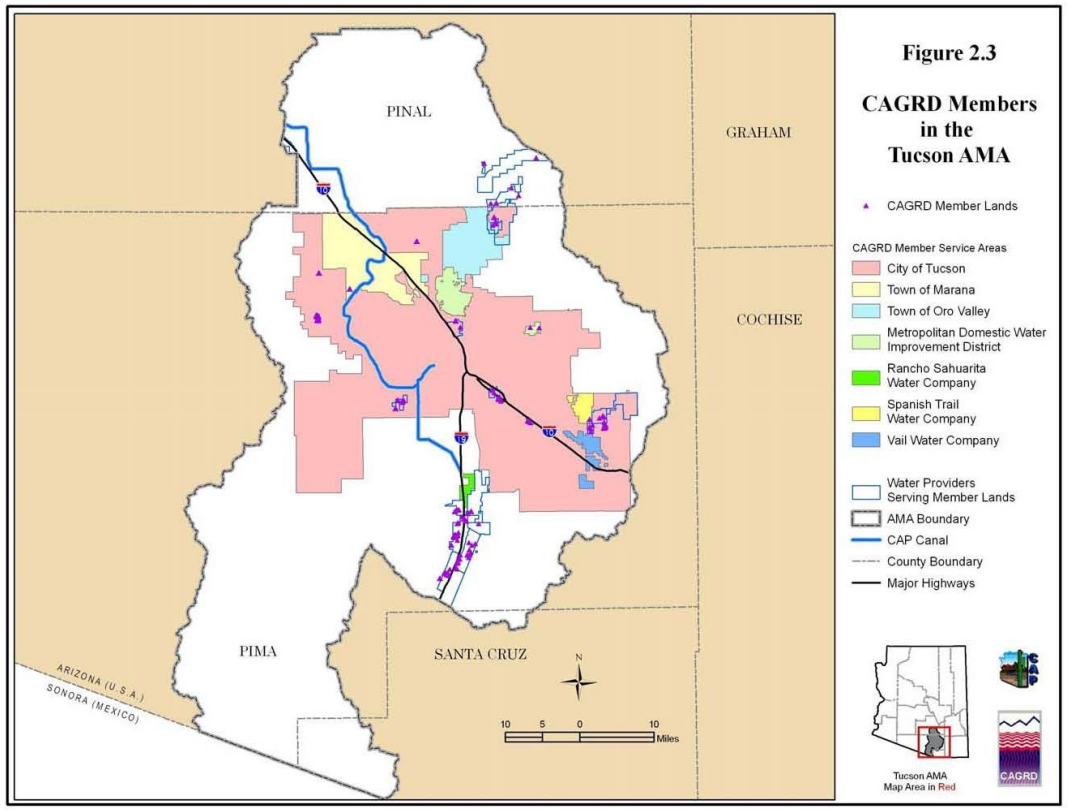
- Land Use Planning
- Sonoran Desert Conservation Plan
- Regional Flood Control District
- Regional Wastewater Reclamation
- Drought Planning

Drought Actions

1999	• Governor Declares Drought Emergency
2003	• Governor Creates Drought Task Force
2004	• Arizona Adopts Drought Preparedness Plan
2007	• Legislature Requires Community Water System Plans
2007	• Shortage Sharing Agreement: Lower Colorado River Basin States
2012	• USDA: All Counties Designated Disaster Areas due to Drought


Central AZ Project
Pinal County
Arizona
Santa Cruz River
Central AZ Project
Tohono O'odham Nation
City of Tucson
Pascua Yaqui Nation
Tohono O'odham Nation San Xavier District
Avra Valley Sub-basin
Upper Santa Cruz Sub-basin
Pima County
Santa Cruz River
Santa Cruz County
0 2.5 5 10
Miles
N
Legend
Central AZ Project
Santa Cruz River
Proposed Study Area
County Borders
Tribal Lands
Incorporated Areas

Major Water Providers
Pima County



Pima County Drought Response Plan

- Established in 2007
- Pima County Code 8.70
  - Four Drought Stages
  - Declared by Board of Supervisors
  - Based on ADWR Drought Monitor Report
  - CAP Shortage Declaration
  - Establishes LDIG
  - Water Wasting Prohibitions

Four Drought Stages

Stage 1 – Alert	• Moderate to Severe
Stage 2 – Warning	• Severe to Extreme
Stage 3 – Emergency	• Extreme to Exceptional
Stage 4 – Crisis	• Exceptional

Drought Responses

Stage 1

- Voluntary Conservation

Stage 2

- Stage 1Plus:
- Irrigation Restrictions
- Water Only on Request
- No Misters
- No Public Fountains
- Car Washing with Nozzle Only
- No Turf Overseeding

Stage 3

- Stage 2Plus:
- No Filling New Residential Pools
- Car Washing only with Recirculation
- No Pool Refilling except to Top Off

Stage 4

- Stage 3 Plus:
- Only Tree and Shrub Irrigation
- No Filling New Pools
- No Car Washing
- No Street Cleaning
- No Potable Water for Construction

Local Drought Impact Group

- Meets Bi-Monthly
- Assess the Status of Drought
- Monitor Short and Long Term Drought Status
- Discuss Drought Impacts
- Coordinate Drought Declarations and Responses

Water Wasting Provisions

Water Wasting Enforcement

Notice and Correct

Contact Water Provider– Discontinue Service

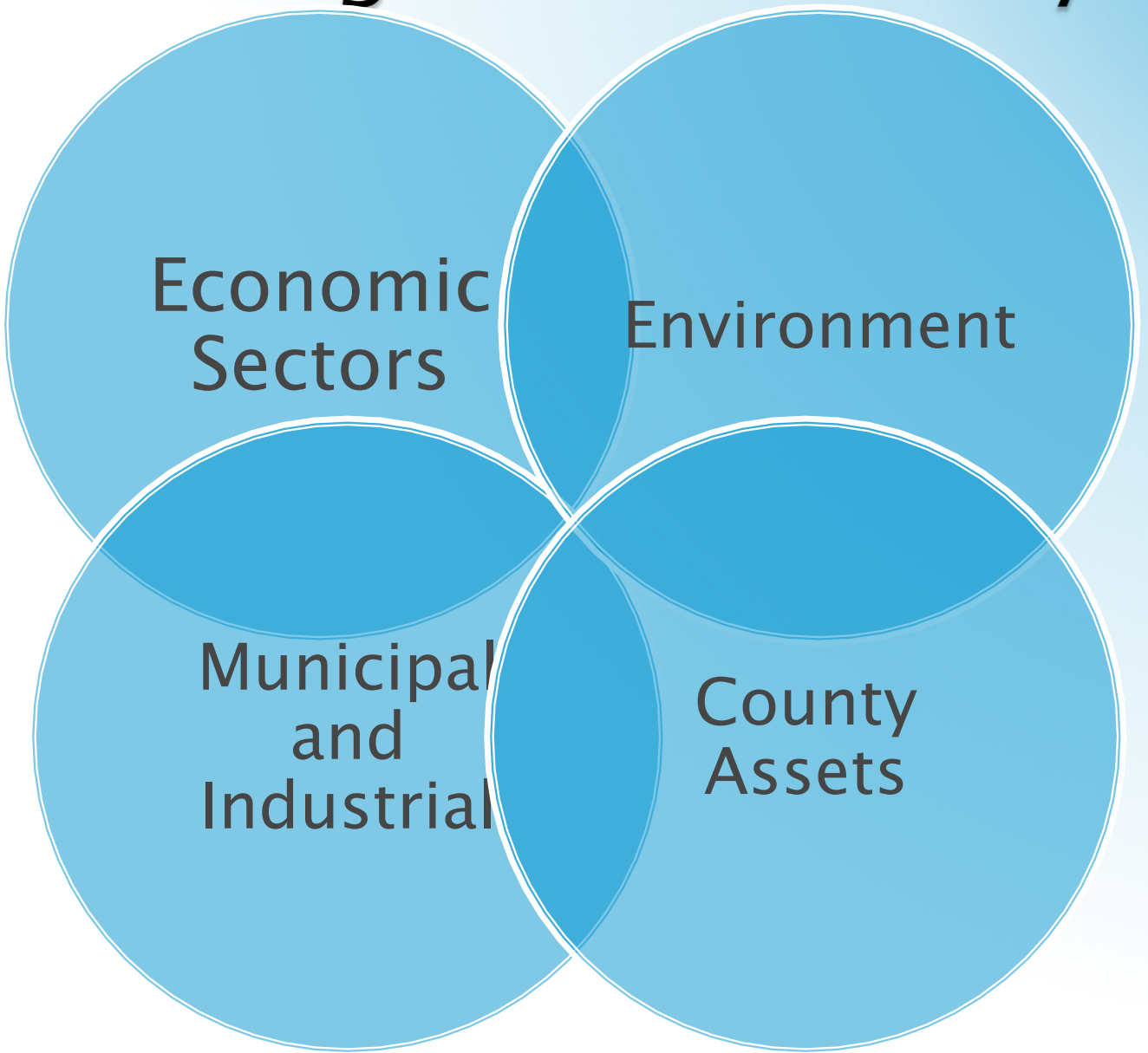
Civil Penalties

$250 Stage 2

$400 Stage 3

$600 Stage 4

Drought Vulnerability



Summary

- Continued Drought Monitoring
- Public Awareness
- Collaboration
- Long Term Storage
- Adaptive Management

Thank you

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http://webcms.pima.gov/government/drought_management/

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WASTEWATER RECLAMATION