

# Pima County Local Drought Impact Group

Intermountain West Drought Early Warning System  
September 20, 2016



**PIMA COUNTY**

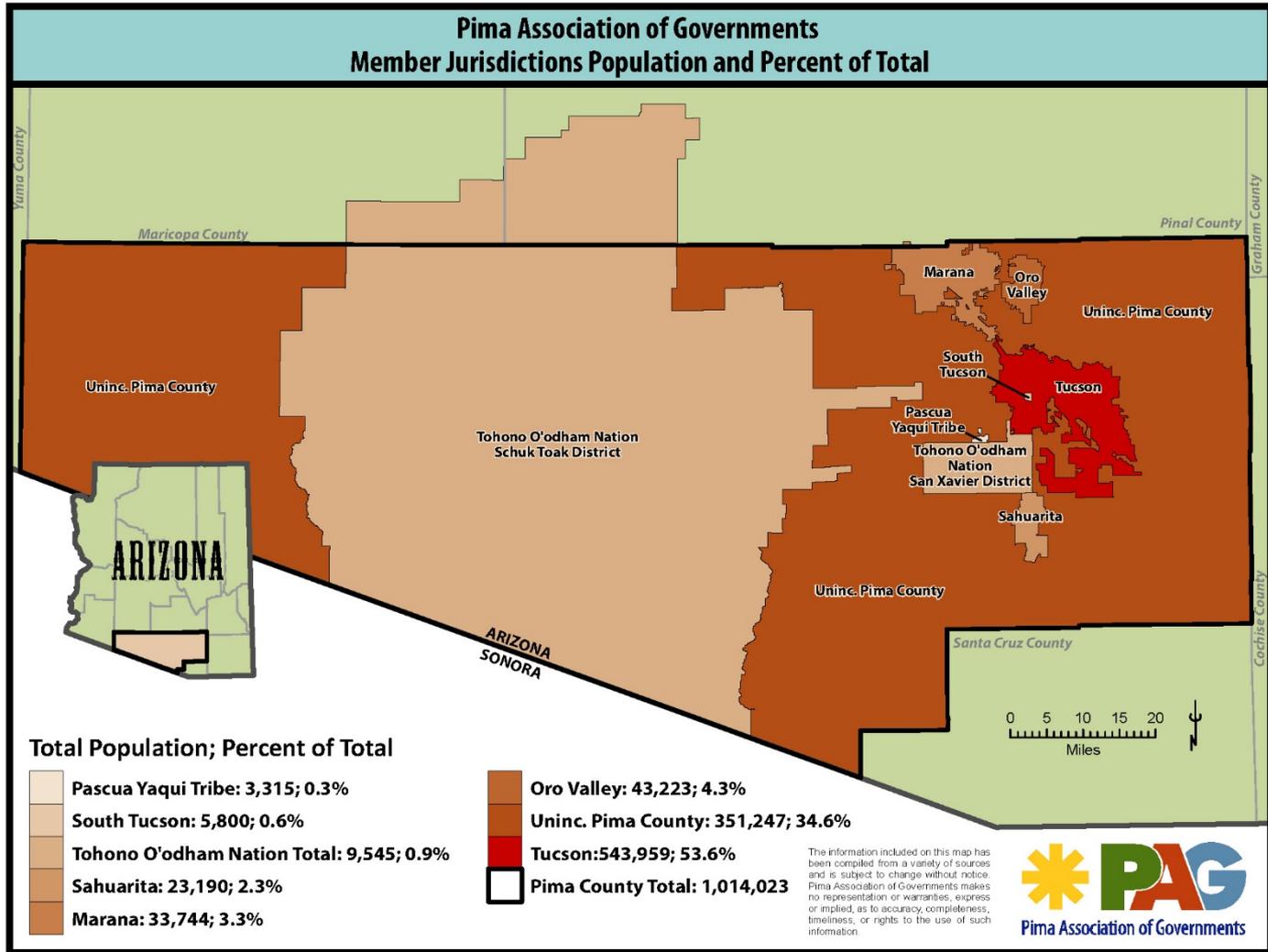
WASTEWATER RECLAMATION

# 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

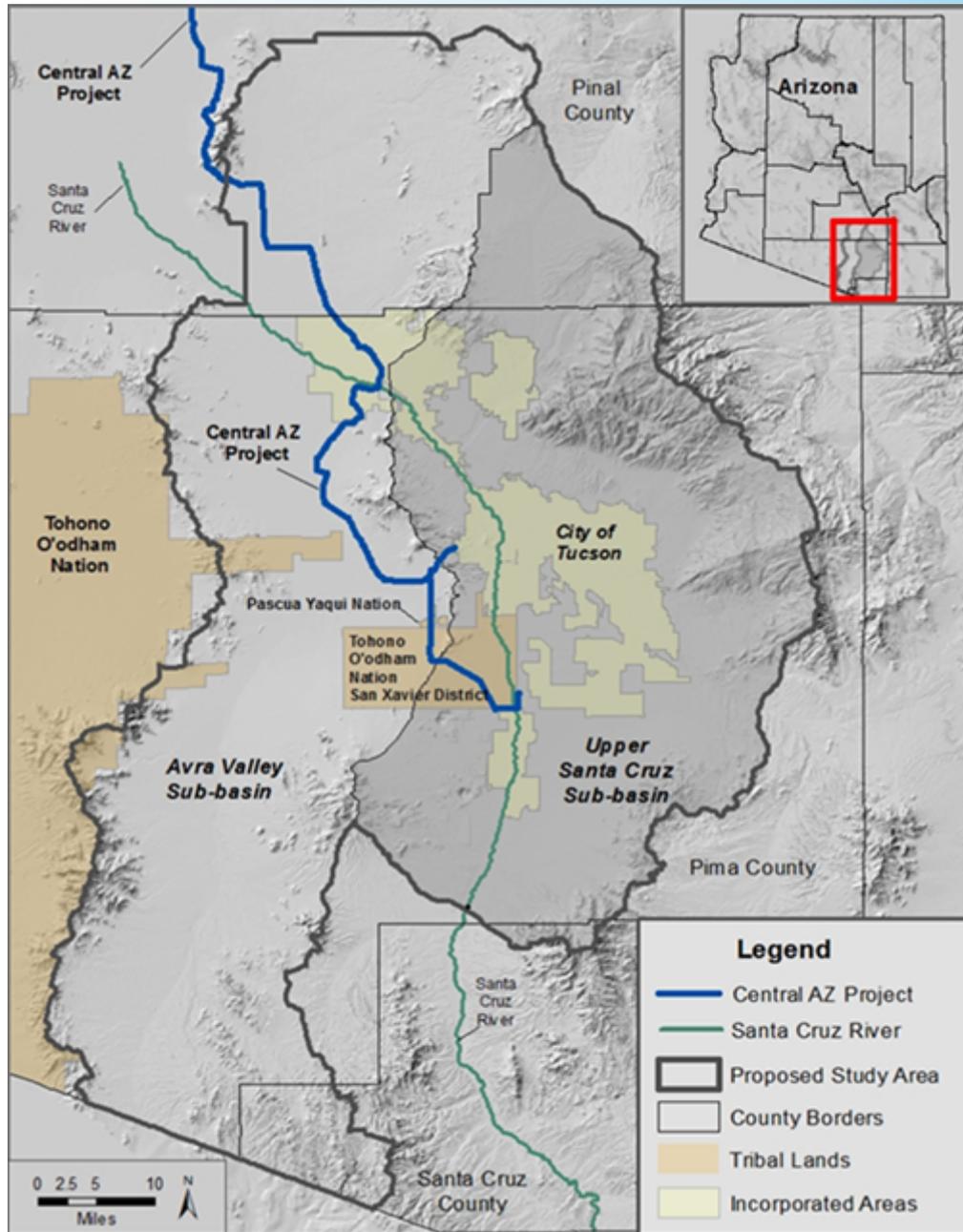
- Legislature Requires Community Water System Plans

2007

- Shortage Sharing Agreement: Lower Colorado River Basin States

2012

- USDA: All Counties Designated Disaster Areas due to Drought

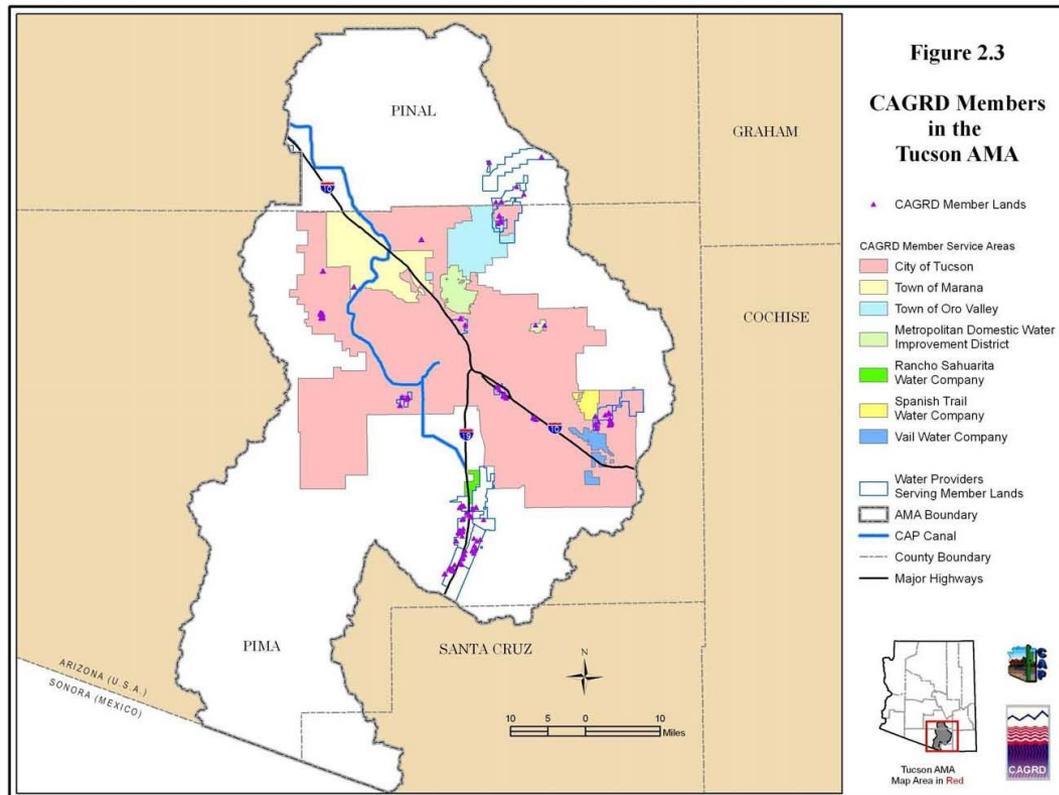


# Major Water Providers Pima County

CAGRD Plan of Operation

13

Submitted Draft - 11/8/04



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

## Stage 3

- Stage 2 Plus:
- 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

Allowing  
Water to  
Leave a  
Property

Failing to  
Repair  
Water Leaks

Washing  
Driveways,  
Sidewalks,  
Parking Areas  
with Open  
Hose or Spray  
Nozzle

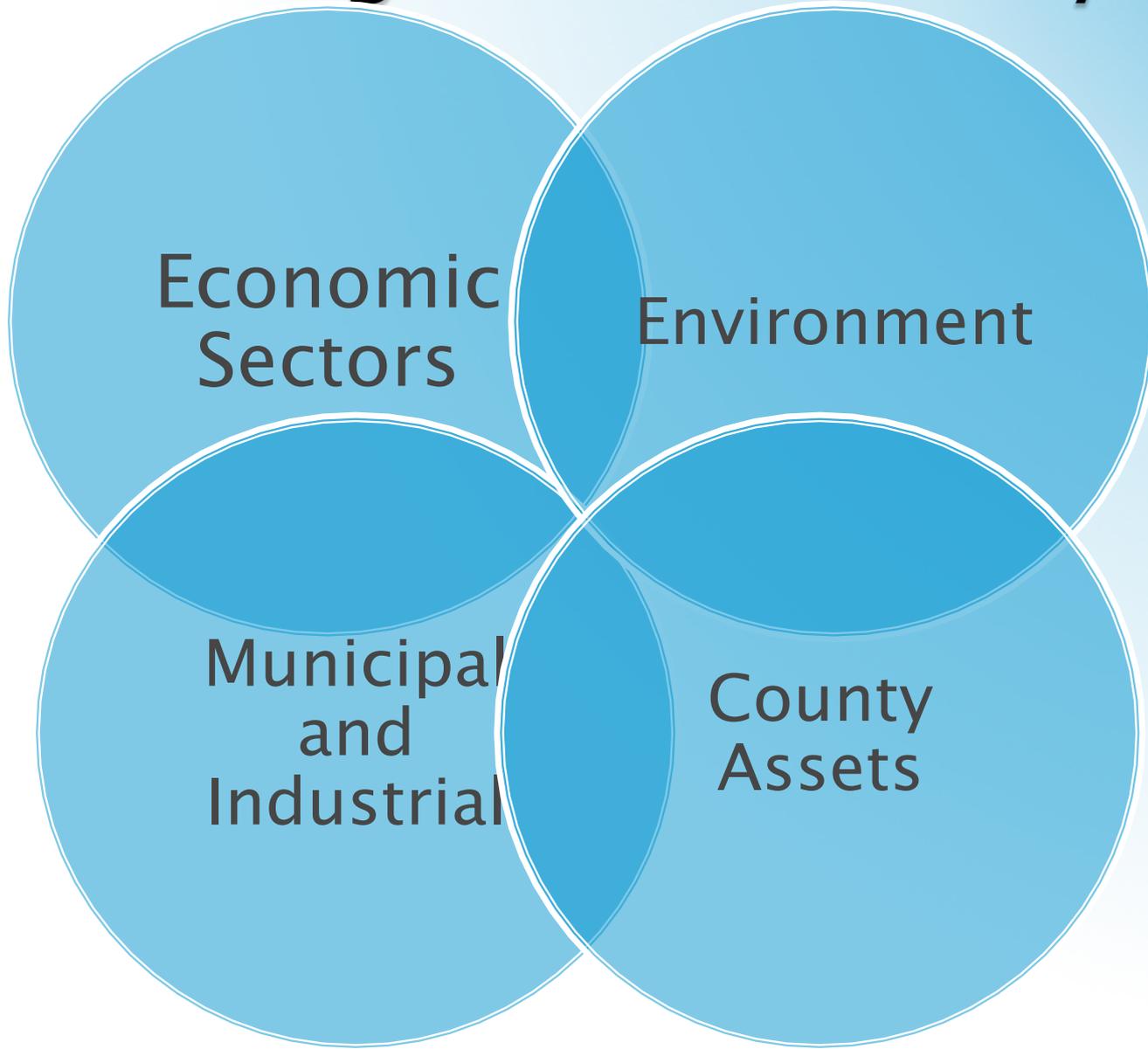
# Water Wasting Enforcement

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/](http://webcms.pima.gov/government/drought_management/)



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