

# **ARIZONA DEPARTMENT OF WATER RESOURCES**

## **Conservation & Reclaimed Water Authorities**

Blue Ribbon Panel on Water Sustainability  
February 5, 2010

# ARIZONA DEPARTMENT OF WATER RESOURCES

**The Arizona Department of Water Resources works to secure long-term dependable water supplies for Arizona's Communities.**

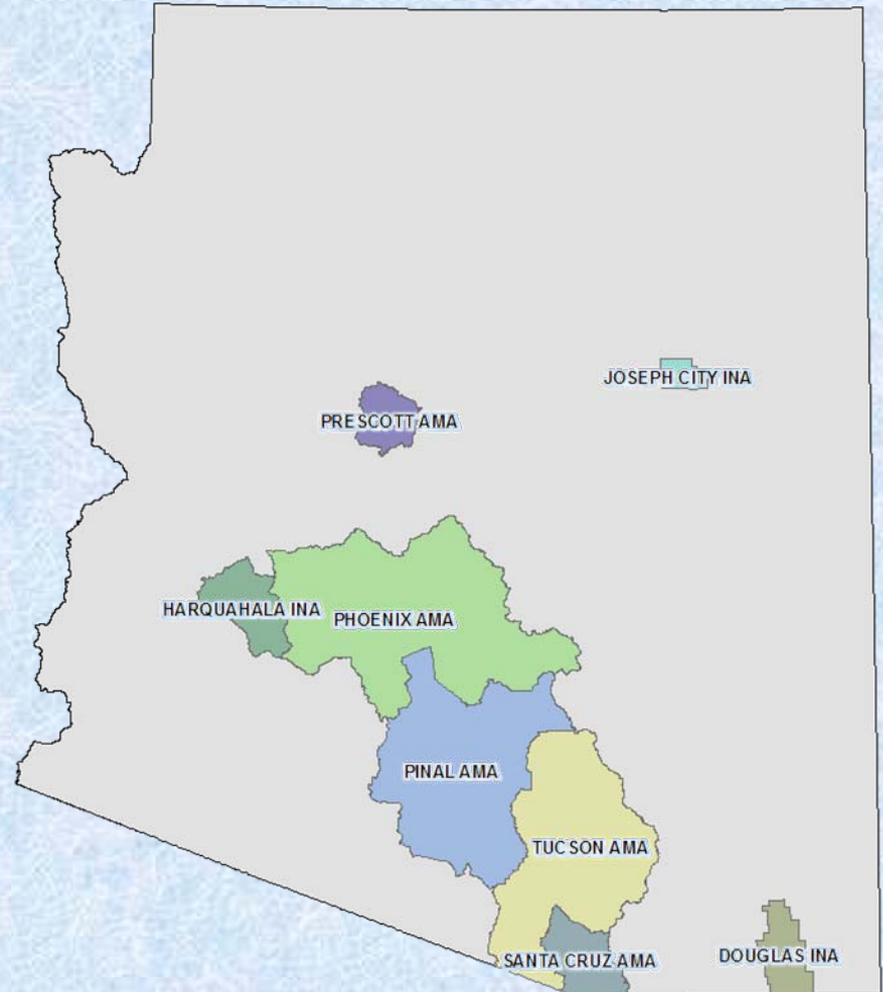
The Department:

- Administration & Enforcement of Arizona's groundwater code, and surface water rights laws (except those related to water quality);
- Protection of Arizona's Colorado River water supply;
- Exploration of methods to augment water supplies;
- Develops policies that promote conservation and equitable distribution of water;
- Ensures safety of dams and floodplain management;
- Oversees the use of surface and groundwater resources under state jurisdiction, and
- Represents Arizona in discussions of water rights with the Federal government.

# ARIZONA DEPARTMENT OF WATER RESOURCES

## Water Management Tools

- Active Management Areas
- Irrigation Non-Expansion Areas
- Statewide Provisions



# ARIZONA'S WATER MANAGEMENT TOOLS

## ACTIVE MANAGEMENT AREAS

- Management Goals
- Grandfathered Rights & Withdrawal Authorities
- Annual Reporting
- Well Drilling Standards
- Management Plans - Conservation Requirements & Use Restrictions
- Assured Water Supply Requirements
- Conversion to Renewable Water Supplies

# ARIZONA'S WATER MANAGEMENT TOOLS

## MANAGEMENT PLAN

### Mandatory Conservation Requirements

**Agriculture:** >2 Acres Irrigated between 1975 - 1979

**Municipal:** Cities, Towns, Private Water Companies, and Irrigation Districts

#### **Industrial:**

- Turf Facilities
- Power Generation
- Large Landscaping
- Mining
- Dairies/Feedlots
- Large Cooling
- Sand & Gravel

# ARIZONA'S WATER MANAGEMENT TOOLS

## ASSURED WATER SUPPLY

- Requires Demonstration of 100-year Assured Water Supply for new Subdivisions:
  - Physically, Legally and Continuously available for 100 years
  - Adequate Water Quality
  - Consistent with Management Goal of the AMA
  - Consistent with Management Plan
- Cannot obtain a Public Report from Department of Real Estate without Demonstration of AWS

# ARIZONA'S WATER MANAGEMENT TOOLS

## CONVERSION TO RENEWABLE SUPPLIES

- Assured Water Supply
  - Consistency w/Goal
- Municipal/Industrial/Agricultural Conservation
  - Incentives for Use of Reclaimed Water
- Underground Storage & Recovery
  - Indirect Utilization of Stored Water
- Conservation & Augmentation Grants Program

# ARIZONA'S WATER MANAGEMENT TOOLS

## STATEWIDE PROVISIONS

- Adequate Water Supply Requirements
- Well Drilling Standards/Requirements
- Community Water Systems
  - Development & Submittal of a Water Supply, Drought & Water Conservation Plan
  - Annual Water Use Reporting
- Statewide Conservation Assistance & Outreach

# ARIZONA'S WATER MANAGEMENT TOOLS

## Statewide Conservation Assistance & Outreach

- [www.azwater.gov/azdwr/StatewidePlanning/Conservation2](http://www.azwater.gov/azdwr/StatewidePlanning/Conservation2)
- Maintains a List of Conservation Measures Implemented in AZ.
- Provide Extensive Conservation Information & “How To...”  
(Developed with Communities & Industry Experts)
  - Technologies
  - Residential
  - Water Education
  - Commercial, Industrial & Institutional
  - Water Planners & Providers
  - Agriculture
  - Landscape professionals