

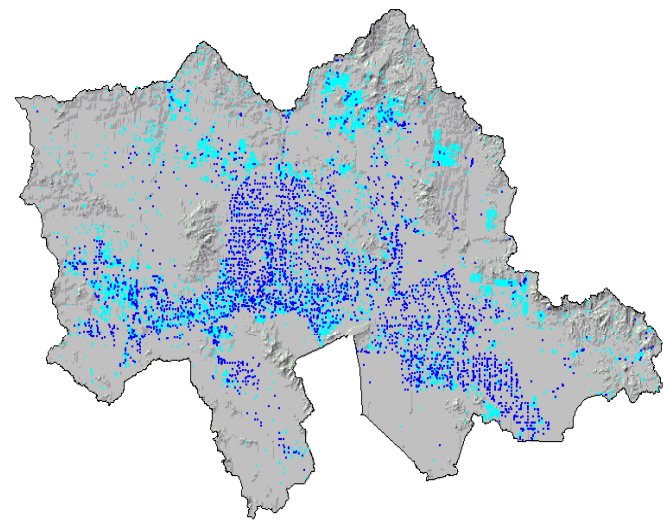
# Understanding Water in the Buckeye Valley



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9/25/2007

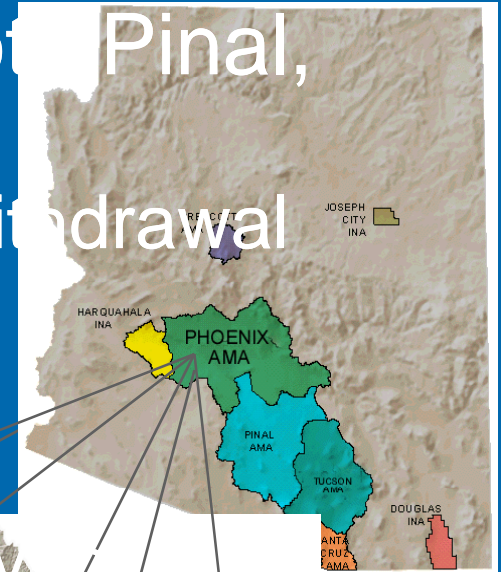
# Arizona Water Rights (A.R.S. Title 45)

- Surface Water
  - Right of Prior Appropriation
  - Sub flow
- Ground Water
  - User Fronts
  - Doctrine of Reasonable Expectations
  - Grandfathered Water Rights (Type I IGFR & Type II Non-IGFR)
  - You Do Not Own the Water



# Management Areas

- Inside AMA's (Phoenix, Prescott, Pinal, Tucson, Santa Cruz)
  - Grandfathered Right or Water Withdrawal Permit
  - Well Registration
  - Water Use Reporting to ADWR
  - 100 Year Adequacy Study
  - Homes Needed for Residential Permit
  - Residential Well Exemption (less than 100 GPM)
  - Well Spacing & Well Impact Rules
  - No new Irrigated Land

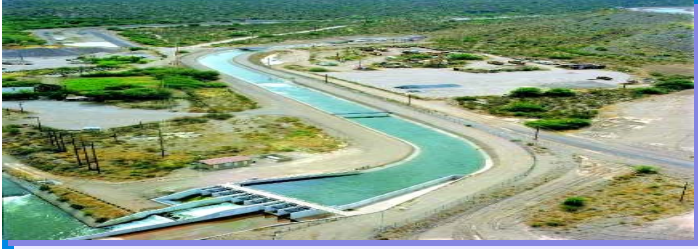
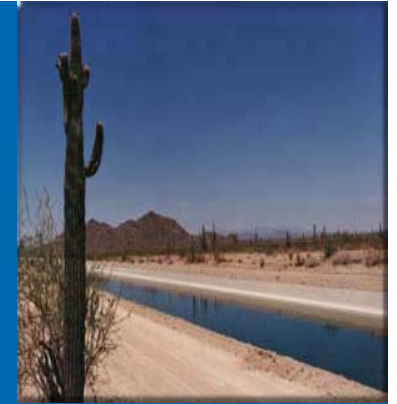


# Management Areas (cont.)

- Inside INA's (Harquahala, Douglas, Joseph City)
  - No Permit Required
  - No 100 Year Adequate Water Supply not needed, but must be disclosed
  - No new Irrigated Land
- Outside AMA's & INA's
  - No Permit Required
  - No Restrictions on Irrigation

# Colorado River /CAP

- Colorado River Water Diversion
- Shared with 7 Other States
- Arizona Get 2.8 Million AC-FT/Year of Colorado River Water
- The canal will deliver an average of 1.5 million acre feet of Colorado River water annually
- Goes from Lake Havasu City to Tucson



# Irrigation Districts

## ➤ Names & Contact Numbers

- Buckeye Water Conservation & DD - 623-386-2196
- Roosevelt Irrigation District – 623-386-2046
- Arlington Canal Company – 623-386-2162
- Maricopa Water District – 623-546-8266
- Tonopah Irrigation District - 623-386-4066
- Harquahala Irrigation District – 928-372-4790

## ➤ Water Rates - \$/ac-ft

## ➤ Assessments – \$/acre



# Irrigation Districts

- Laterals
  - Protecting Water Rights
  - Development Costs
- Special Considerations of Buckeye
  - Water Table - Water Logged
  - Drainage Wells



# Who Cares?

## ➤ Benefits to the Land

- Assured Water Supply Credits when Extinguished
- Existing Water Rights
- New Large Volume Wells can cost in Excess of \$250K

## ➤ Things to Watch For

- Laterals / Shared O&M Roads – Prescriptive Easements
- Drainage Ditches
- Is Water Available?

