Arizona Water Initiative
West Basins Planning Area

Welcome!
This meeting will be recorded.
Please silence your cell phones.
Thank you!
Agenda

1. Welcome and Introductions
2. Initiating Procedures to Designate an Irrigation Non-Expansion Area via Petition Presentation
3. Groundwater Transportation Statutes Presentation
4. Water Level Measurement Survey Results Presentation
5. Presentation on Arizona’s Recharge Program
6. General Comment Period
7. Closing Remarks
Arizona Water Initiative Update

• **Governor’s Water Augmentation Council**
  - Desalination Committee last met on January 19, 2017
  - Recycled Water Committee last met on January 24, 2017
  - Long Term Water Augmentation Committee last met on January 27, 2017
  - GWAC last met on February 10, 2017
  - Finance Committee met on February 16, 2017

• **Cochise Planning Area**
  - Last met on November 30, 2016
  - Discussed finalized industrial water demand and the Willcox Basin Groundwater Conservation Area concept

• **Northwest Basins Planning Area**
  - Last met on December 6, 2016
  - Discussed municipal water demand and Arizona’s recharge program
Proposed Future Meetings

Late March – Early April
- Continue Discussing Industrial Water Demand
- Discuss Agricultural Water Demand
- Discuss Solution Sets

Late May – Early June
- Continue Discussing Agricultural Water Demand
- Presentation of Draft Report

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- Is there anything else you would like discussed?
Agricultural Water Demand

**Current Data**

- WRDC Agricultural Demand Study\(^1\)
- 2014 USGS Withdrawal Estimates\(^1\)
  - Data based off of 2012 Field Verification of Crops in the following basins:
    - Butler Valley
    - Harquahala INA
    - McMullen Valley
    - Ranegras Plain

**Future Data**

- 2016 USGS Withdrawal Estimates based off of 2016 Field Verification of Crops

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\(^1\)Data presented at the West Basins Stakeholder Meeting on March 28, 2016
2016 USGS Field Verifications

McMullen Valley Mar 2016
McMullen Valley July 2016
McMullen Valley Sept 2016

Butler Valley May 2016
Butler Valley Sept 2016
Land Subsidence Monitoring Report

• Land Subsidence Monitoring Report No. 3 was published January 2017\(^1\)
• Land subsidence and earth fissuring can occur with the extraction of large volumes of groundwater, which causes the subsurface sediments to compact.
• The vast majority of land subsidence has minimal impacts.
• The majority of the land subsidence occurred before the early 1980’s.
• With the passage of the Groundwater Code in 1980, which reduced the state’s reliance on groundwater pumping, in some areas subsidence has been reduced by up to 50%.

Land Subsidence in the West Basins

- McMullen Valley Land Subsidence Feature
- Ranegras Land Subsidence Feature
- Harquahala Valley Land Subsidence Feature
The Arizona Corporation Commission Small Water Ombudsman Office can help.

Don’t know which way to turn?

The ACC Small Water Ombudsman Office was created to assist Class D and E water and wastewater utilities.

Some of the ways the Ombudsman Office can assist you include:

- ACC/ADEQ/ADWR compliance issues
- Filing a rate or financing application
- Identifying and recommending corrective action for engineering issues
- Planning of long-term infrastructure needs
- Billing and operational improvements

Call or email the ACC Small Water Ombudsman Office for more information.
602.542.2556 / accombuds@azcc.gov