Northwest Basins Planning Area

- Welcome and Introductions
- Presentation: Background Information
- Discussion: Changes, Additions, and Updates to Background Information
- Presentation: Summary of Previously Identified Mitigation Strategies
- Discussion: Mitigation Strategies and Additional Proposals for Strategies
- 15-minute break
- Presentation: Existing Water Demand Data
- Breakout: Demand Sector Discussion Groups
- Discussion Regarding Information Sharing and Next Steps
- General Comment
- Closing Remarks
Northwest Basins Planning Area: Background Information

Arizona Water Initiative
Northwest Basins Planning Area
Background and Mitigation Strategies
September 8, 2016

John Riggins
Arizona Water Data: Recent Timeline

- 2011: WRDC • Supply & Demand Data
- 2014: Strategic Vision • Planning Areas and Strategies
- Now: Arizona Water Initiative • Local Refinement • Statewide Planning

Baseline Data: 2005

Need to update
Arizona Water Initiative Planning Area Process

- The Strategic Vision created the framework for the development of potential strategies to address the projected water imbalances.

- No single strategy can address the projected water supply imbalance.

- We will work closely with you, the stakeholders to develop strategies that are likely to be successful in addressing demand and supply imbalances.
Location and Composition

- **Basin and Range Physiographic Province**
- **County**: Mohave
- **Communities**: Kingman, Dolan Springs, Golden Valley, Hackberry, Meadview, Valle Vista, White Hills, and Yucca
- **Basins**: Detrital, Hualapai, Meadview and Sacramento Basins
Land Ownership and Use

- Federal Land ownership majority of land
  - Lake Mead National Rec. Area, Portions of the Hualapai Tribal Land, Mt. Tipton and Mt. Wilson Wilderness Areas
- Largest landowner is BLM
- Hualapai Basin 43% private land
  - Fragmented ownership with State, Federal and private in “checkerboard” fashion
• The Strategic Vision states this “checkerboard” land ownership often complicates the development and implementation of comprehensive land management strategies.
Water Supplies

- **Groundwater**
  - Leading source of water supply for Planning Area

- **Surface Water**
  - Colorado River is the only perennial stream in the Planning Area (Northern Boundary) and a small portion near Topock

- **Reclaimed Water**
  - City of Kingman operates the Hilltop and Downtown Wastewater Treatment plants
Ecological Resources

- Lake Mead National Recreation Area
- Havasu National Wildlife Refuge
- Designated Wilderness Areas:
  - Mt. Tipton
  - Mt. Wilson
  - Warm Springs
  - Wabayuma Peak
  - Aubrey Peak
• **Mohave County Water Authority (MCWA)**
  
  • Acquired Kingman’s entitlement of Colorado River Water
  
  • Payment to Kingman to develop groundwater resources
Discussion Regarding Changes, Additions, and Updates to Background Information
Strategies from Strategic Vision

- Expanded Monitoring
- Reclaimed Water Reuse
- Continuation of Groundwater Supply Studies and Analysis
## Number of Annual GWSI Water Level Measurements In Northwest Basin Planning Area

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Public Comments from the June 29<sup>th</sup> Meeting

- A third option for groundwater regulation (in regards to an option other than AMA & INA)
- Comments called for either an AMA or INA for the Hualapai Basin
- Comments called for regulation of agriculture water use

These identified points do not imply ADWR support or endorsement of any particular strategy; This is just a list for the purposes of having everything on the table for discussion.
Strategies identified by Stakeholders at the 1st Northwest Basins Meeting (Public Comment)

Public Comments from the June 29th Meeting

- Statewide monitoring and measuring
- Studies to determine the long term ecological impact of groundwater depletion
- Revised water budgets for the Hualapai and Sacramento Basins to reflect agriculture water use

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Discussion Regarding Mitigation Strategies and Additional Proposals for Strategies
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Northwest Basins Planning Area

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