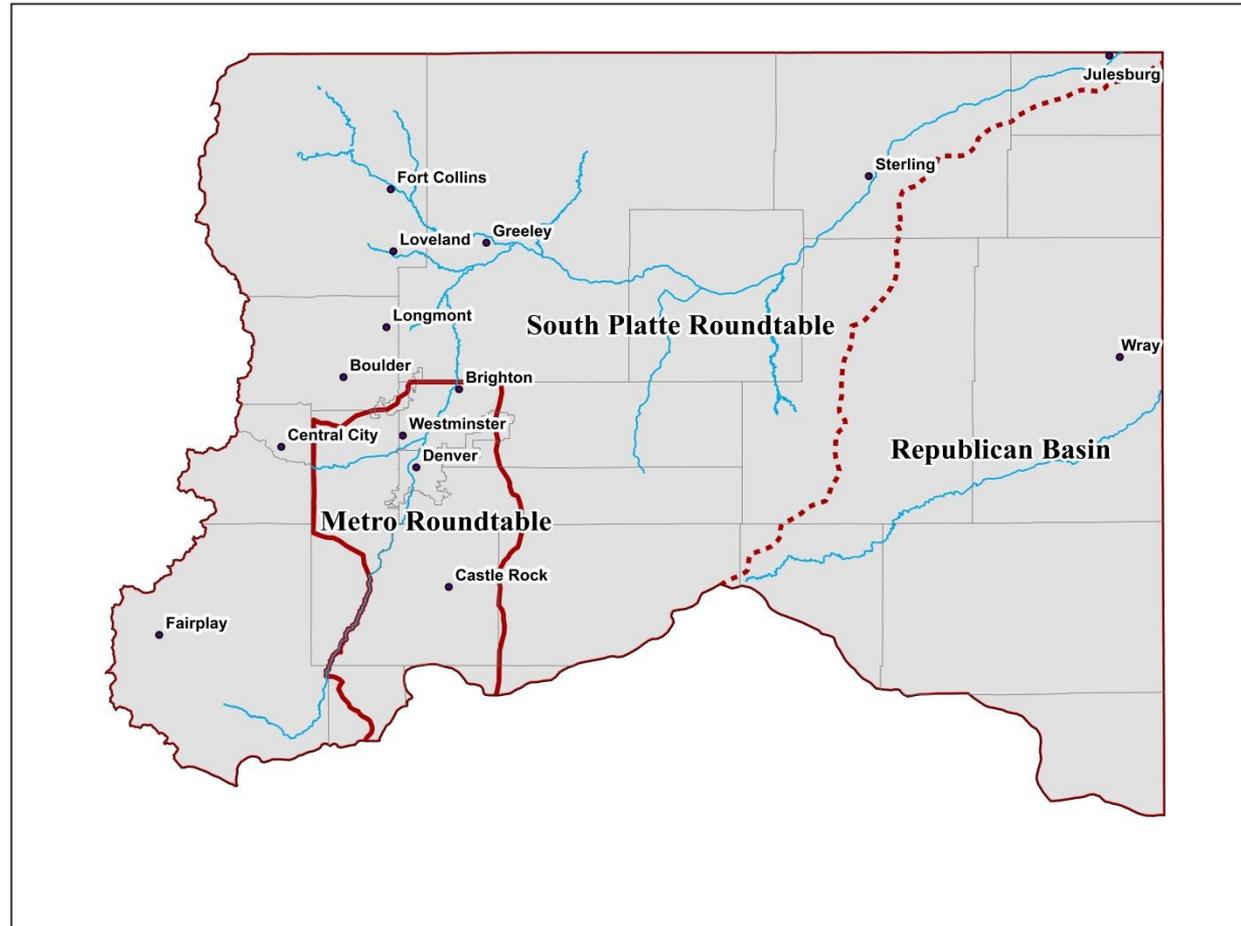


**Review of the  
Draft South Platte Basin  
Implementation Plan  
for the  
Interim Water Resources  
Review Committee  
October 1, 2014**

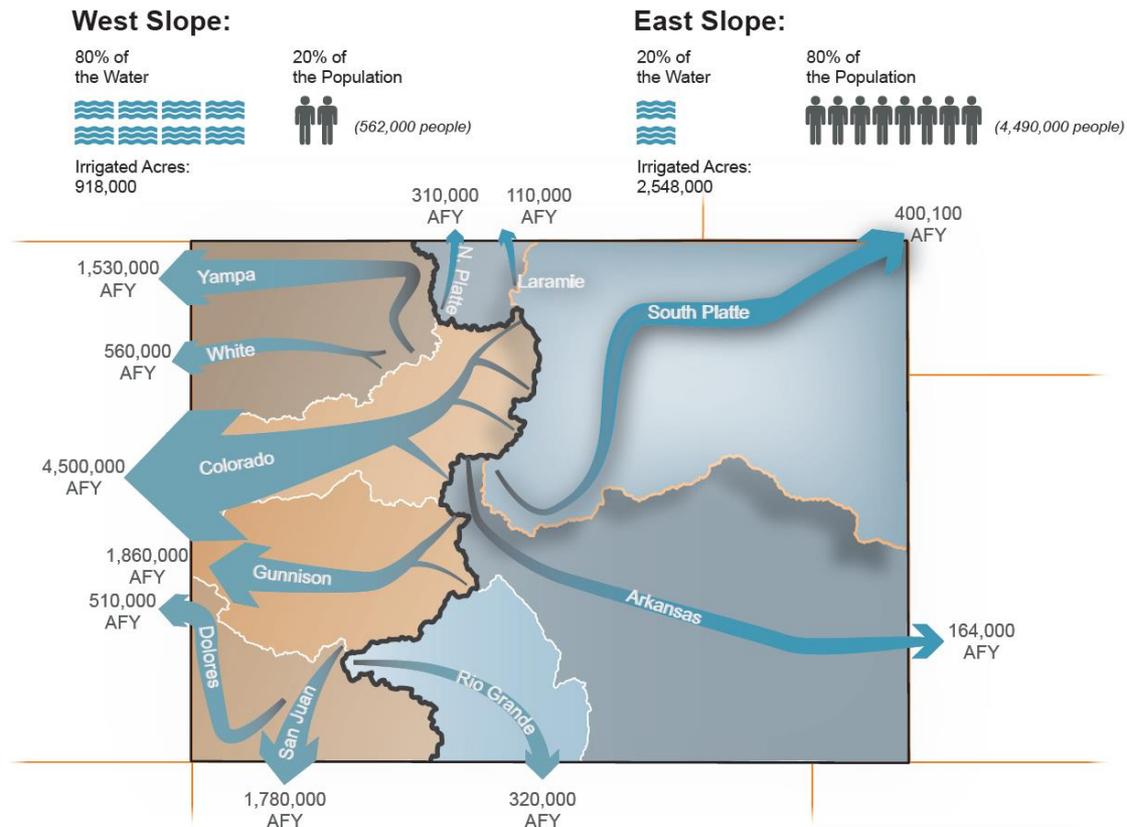
# South Platte Basin Overview – Two Roundtables Diverse Needs

- Municipal
- Industrial
- Agricultural
- Environmental
- Recreational



# South Platte Basin Overview

- The South Platte Basin, including the Metro Area:
  - Is home to 70% of the State's population
  - Accounts for 80% of the State's economic base

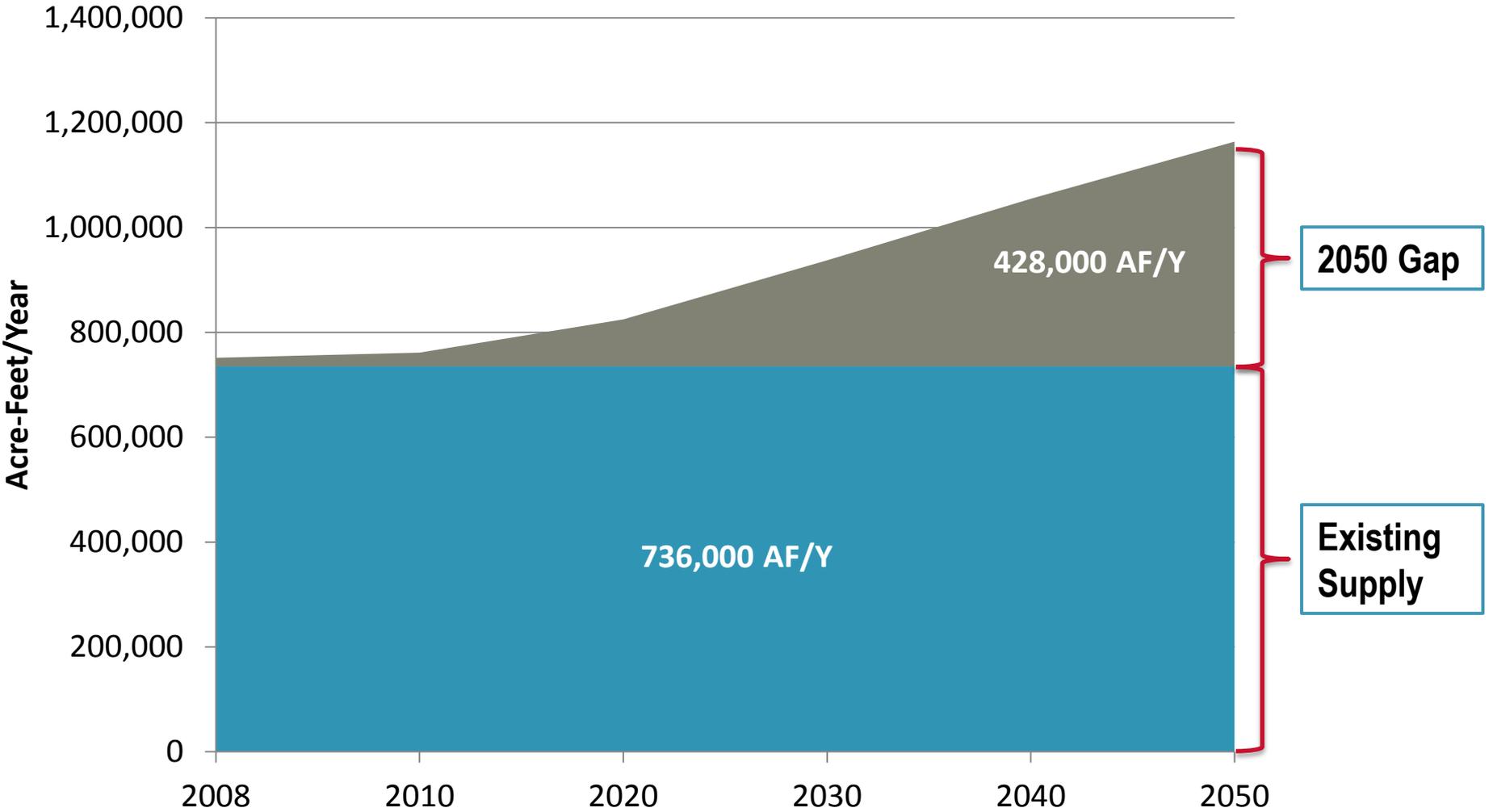


# Municipal & Industrial (M&I) Water Needs

- Urban Sector businesses and industry provide for the majority of the State's economy
- Single biggest driver in need for additional water supplies is growth
- State's population is expected to nearly double by 2050
- Most of the State's growth will be in the South Platte Basin

# M&I Water Needs

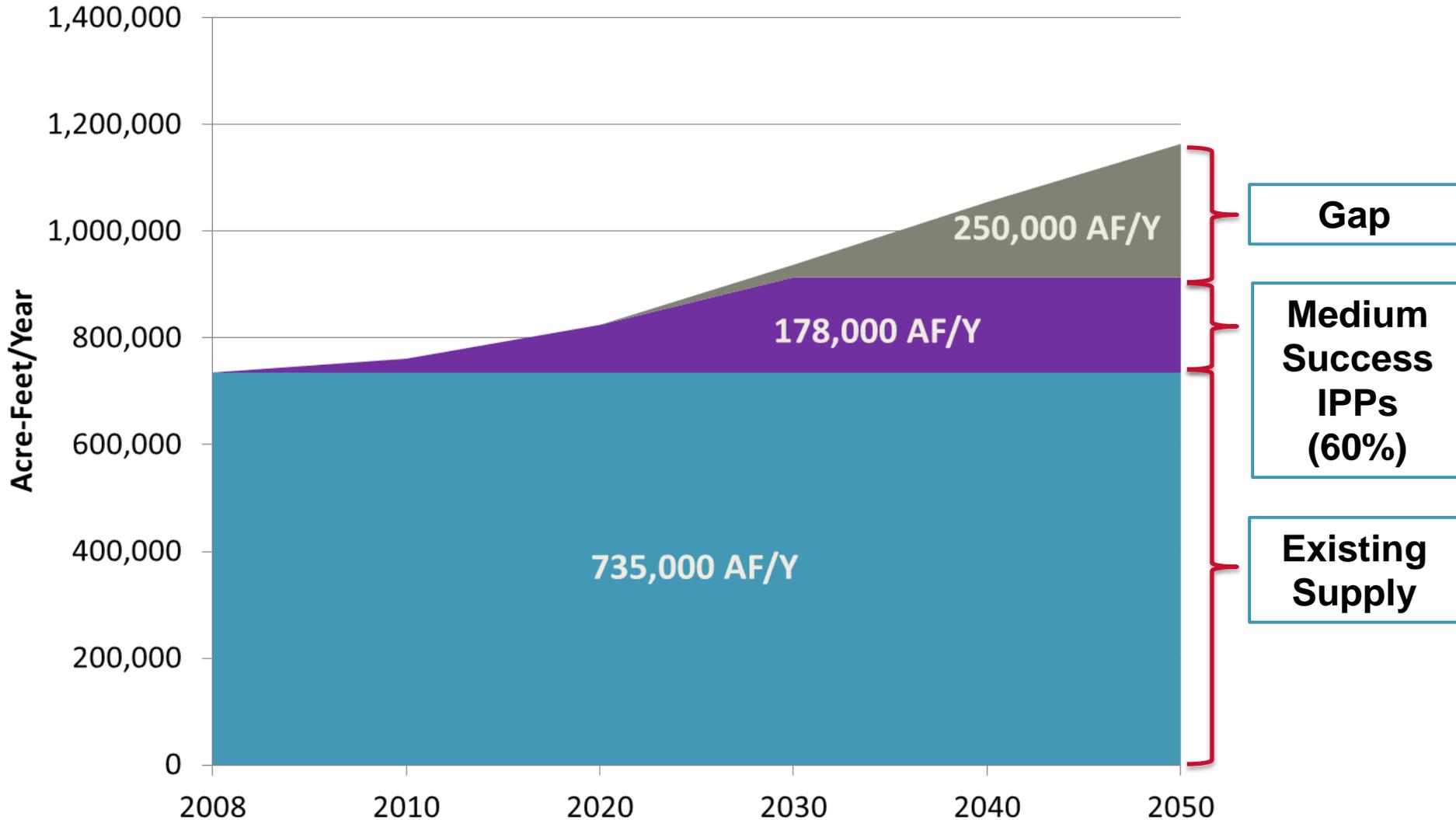
## Medium Growth Gap in the South Platte Basin



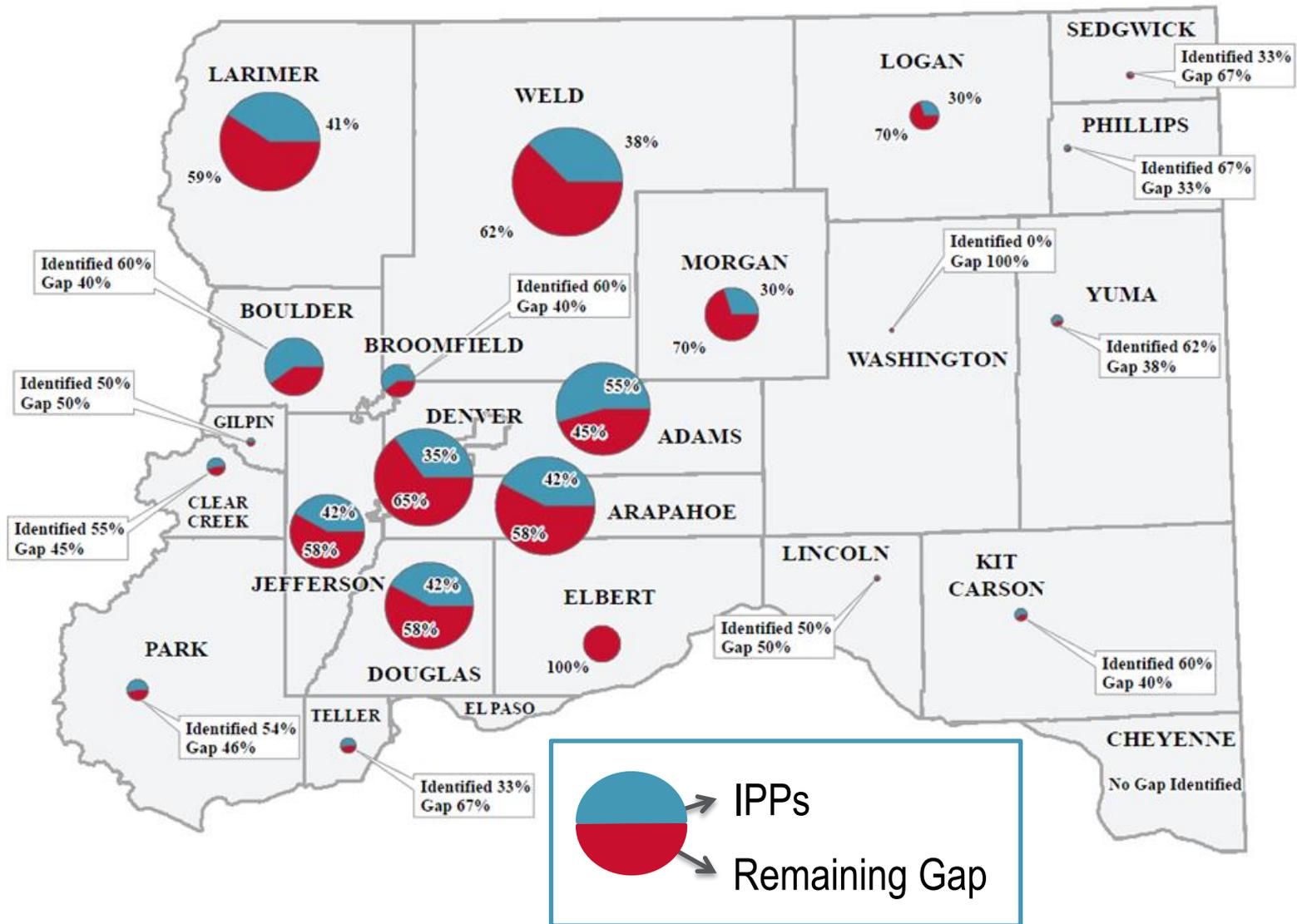
\*Based on SWSI 2010 Medium Water Demands

# M&I Water Needs

## Medium Growth Gap in the South Platte Basin



# M&I Gap by County

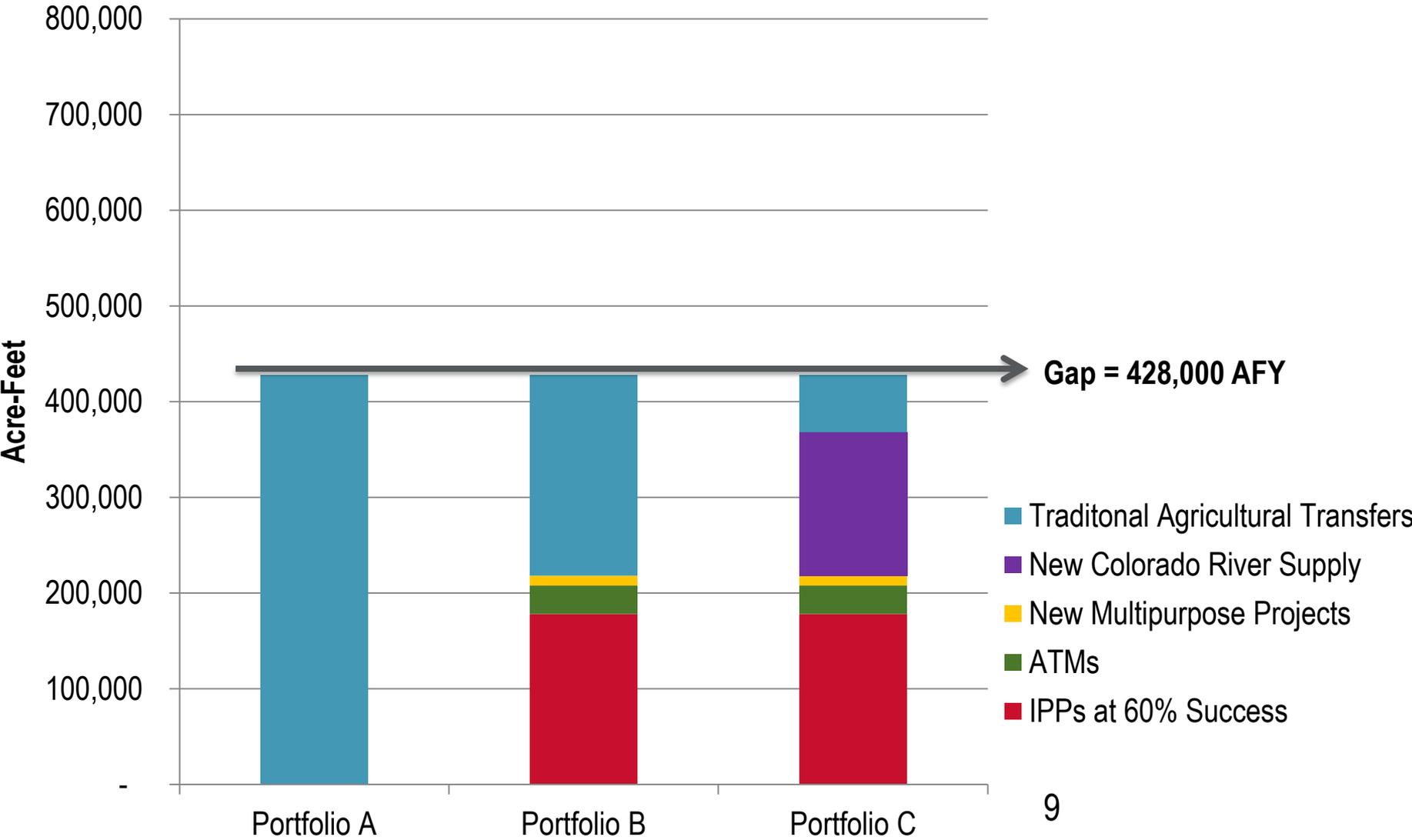


# M&I Water Needs

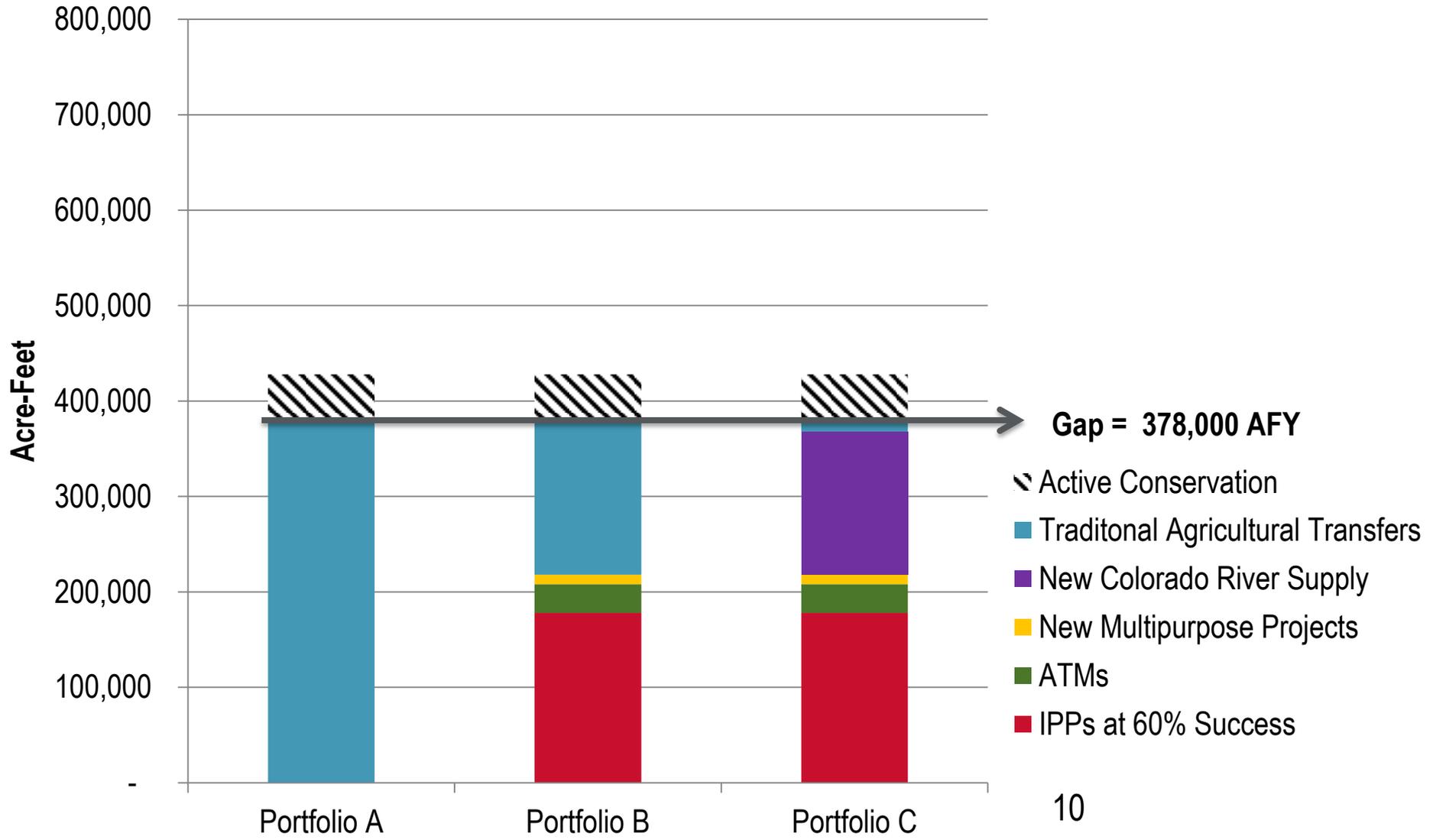
## How to Meet the Municipal Supply Gap:

- A Balanced “4 Legs of the Stool” Approach
  - Conservation and Reuse
  - Identified Projects and Processes
  - Transfers from Agriculture / Alternative Transfer Methods
  - Transmountain Diversions
  
- Storage to manage the water supplies
- Develop water supplies using multipurpose projects

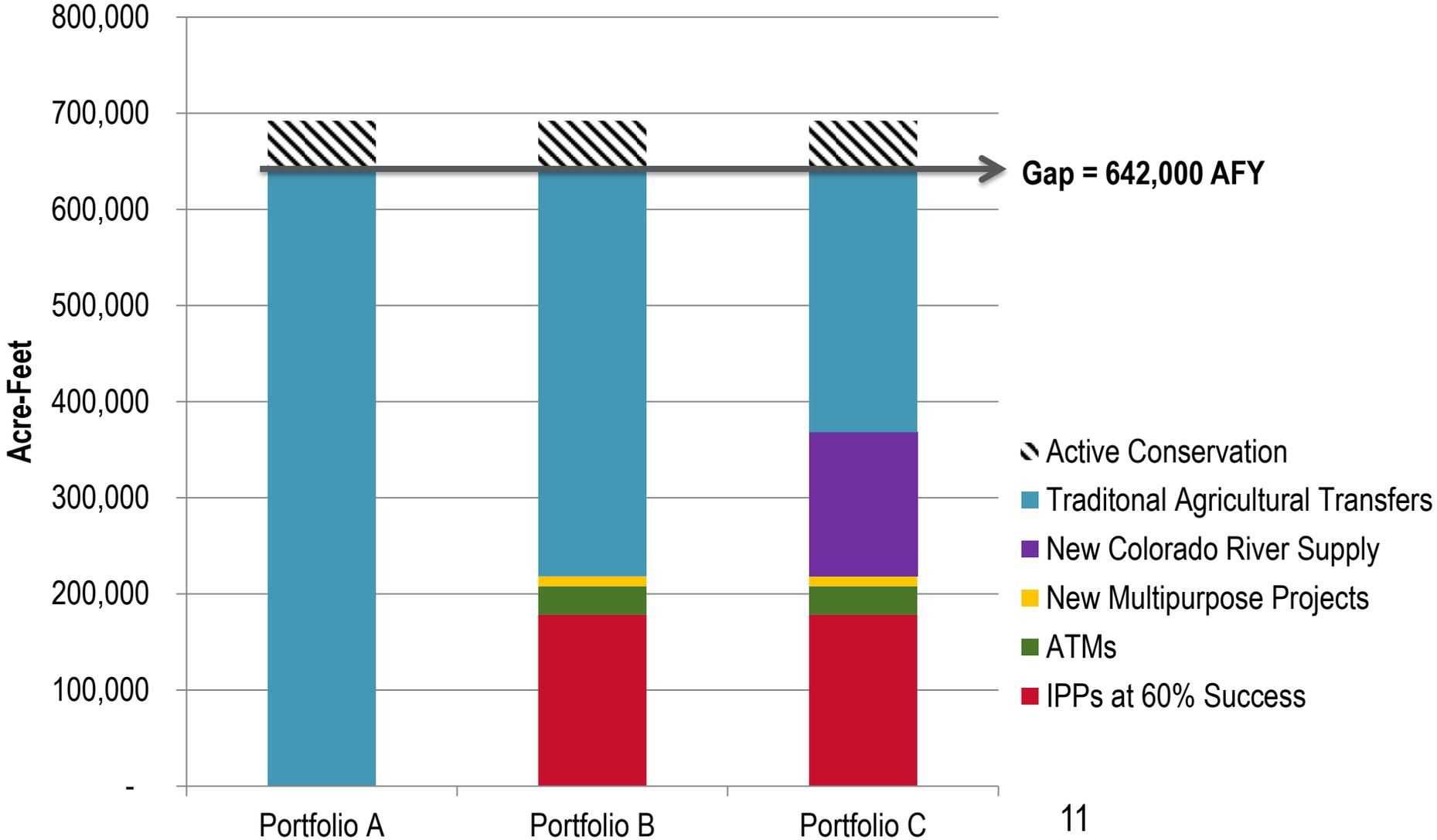
# Alternative South Platte Portfolios



# Alternative South Platte Portfolios – Additional Conservation

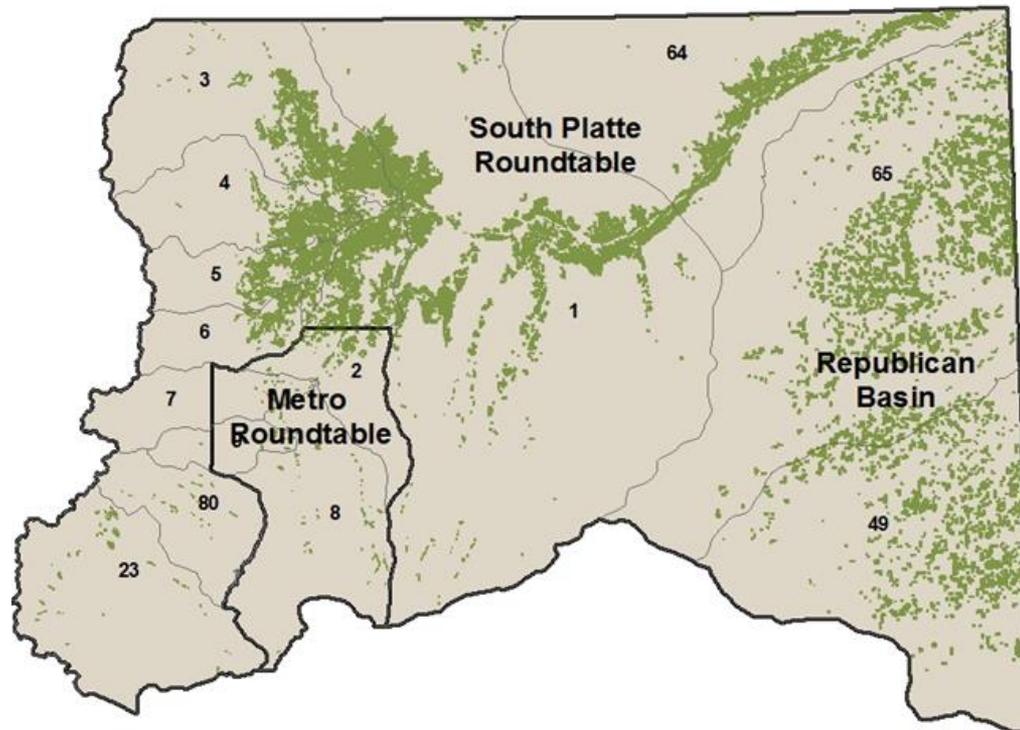


# Alternative South Platte Portfolios – Climate Change

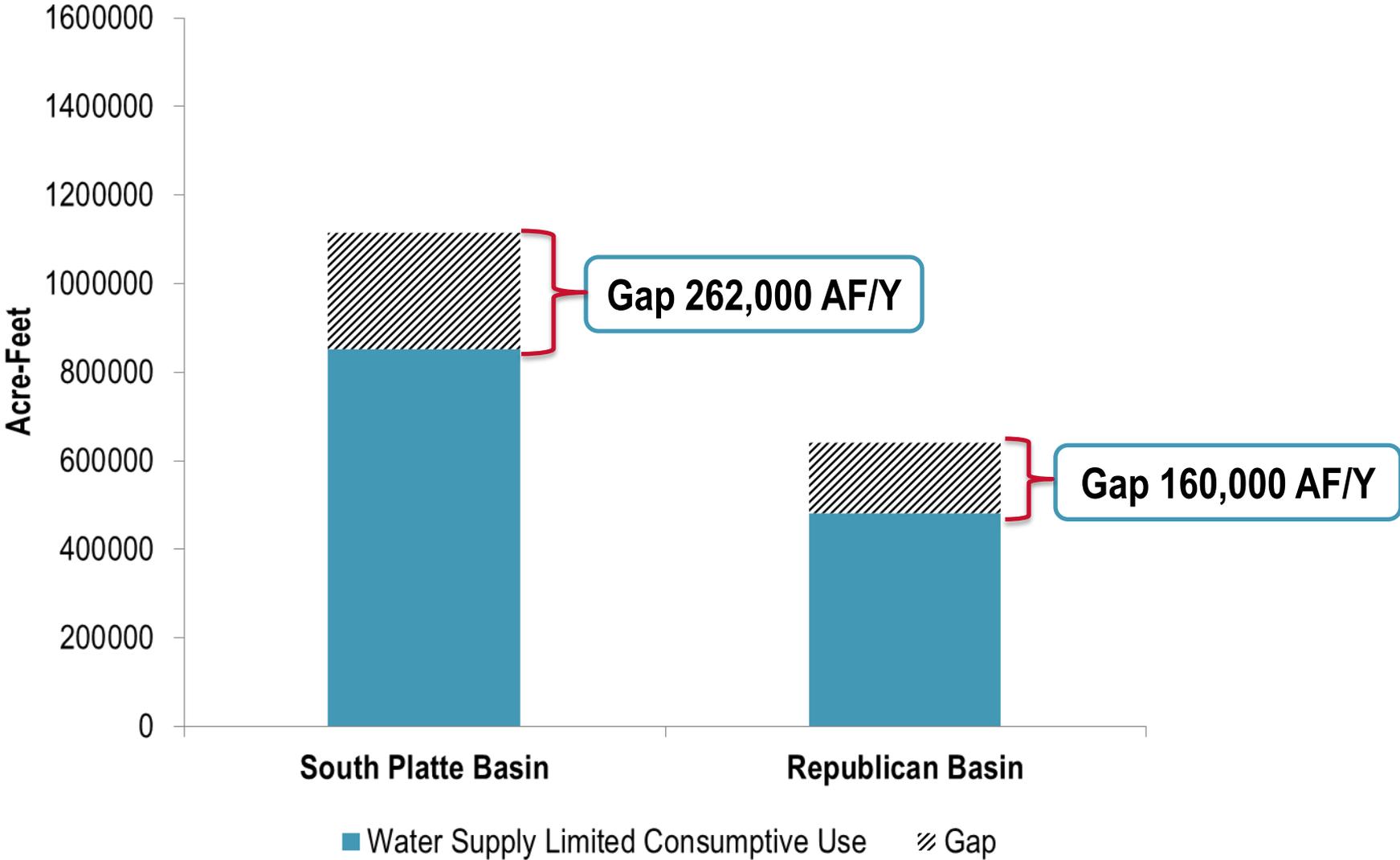


# Agricultural Water Needs

- 1.4 million acres of irrigated land – 40% of State's total
- Seven of top ten agricultural producing counties in the State
- Represents approximately 75% of agricultural sales statewide
- Processing of West Slope agricultural products



# Agricultural Water Shortages (2050)



\*Based on SWSI 2010 Agricultural Needs Projections

# Environmental and Recreational

- Enjoyment of environmental and recreational values
  - South Platte Basin is home to the most visited State Parks
  - Environment and recreational opportunities important to quality of life
  - Urban environment and recreational opportunities important to vibrant cities
- Various Attributes of Importance within the Basin
  - State endangered, threatened, or species of special concern
  - Important Riparian Habitat
  - Migratory Bird Viewing/Hunting
  - Fishing (including Gold Medal fisheries)
  - Recreation (including skiing, and whitewater and flatwater boating)



# The South Platte Vision

- Meet the Municipal Supply Gap
- Minimize Traditional Agricultural “buy and dry”
- Protect and enhance environmental and recreational attributes
- Support a collaborative Statewide approach

# Overarching Themes for South Platte BIP

- “A Good Colorado Plan Needs a Good South Platte Plan”
- Solutions must be pragmatic, balanced, and consistent with Colorado law and property rights
- The South Platte River Basin will continue its leadership role in efficient use and management of water
- A balanced program is needed to investigate, preserve, and develop Colorado River options

# The South Platte BIP Process

- Legislature determined Roundtable representation in 2005
  - Counties – Planners, Elected Officials
  - Municipalities – Water Planners, Engineers
  - NGOs – Environmental, Recreational Interests
  - Agricultural Interests
  - Industry and Business Interests
  - Water Rights Holders
  - Other interested parties
- Metro Roundtable and S. Platte Basin Roundtable collaboration
- Expert assistance from West Sage and HDR
- Public meetings monthly; outreach meetings held throughout basin
- Website for information and comment
- BIP presented to CWCB and available for public comment

# SOUTH PLATTE BIP & COLORADO'S WATER PLAN TIMELINE

CWP = Colorado's Water Plan CWCB = Colorado Water Control Board

2015 = All 2015 events are recommendations

**Phase 2**  
**August 2014 to April 2015**

**Draft BIP submitted to CWCB**  
**July 31, 2014**

**Final BIP submitted to CWCB**  
**April 1, 2015**

Public Comment for Draft BIPs

**Today**



Public Comment Deadline for Draft CWP Sections

Public Comment Deadline for Draft CWP

Second Draft CWP Released for Public Review

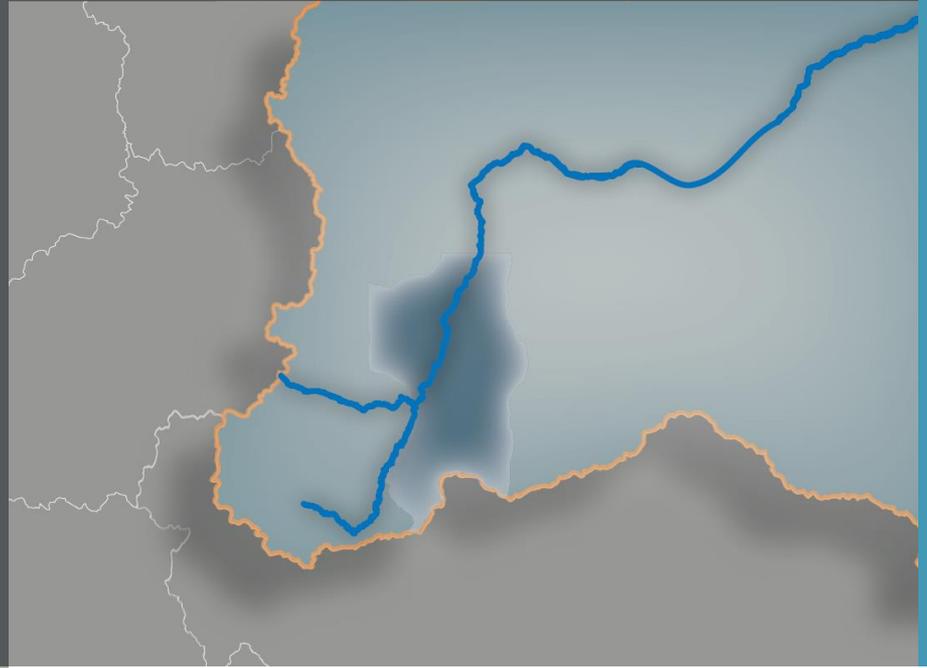
Public Comment Deadline for Second Draft CWP

Executive Order to CWCB

Draft CWP Delivered to Governor

Final 2015 CWP Submitted to Governor

# CWP KEY DATES



# Questions and Comments?

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[southplattebasin.com](http://southplattebasin.com)

# Acknowledgements

This Draft South Platte Basin Implementation Plan (SP-BIP) could not have been developed over the past eight months without the involvement and guidance of many individuals, committees and organizations with deep commitments to comprehensive water management in the South Platte and Republican River Basins. A special thanks to:

- South Platte and Metro Roundtables especially the two committees - Metro's Executive Committee and the South Platte's Rio Chato Committee - who were assigned by the Roundtables to do the "heavy lifting" during the development, writing and editing of the Draft SP-BIP.
- Environmental and Recreational Subcommittee, supporting West Sage in the development of the environmental and recreational portions of the Draft SP-BIP. The balance and thoughtful advice of the subcommittee members brought important perspectives into the report and helped to provide a well-rounded document.
- The support provided to us by John Stulp, special water policy advisor to Colorado Governor John Hickenlooper, to the staff of the Colorado Water Conservation Board, especially Rebecca Mitchell, Jacob Bornstein and Craig Godbout and to the State's consulting team on the Statewide Water Supply Investigation, led by CDM-Smith.
- Public input and contribution provided for this Draft helped shape the important needs of the basin.