



# MILTON SEAMAN WATER SUPPLY PROJECT

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GREELEY, COLORADO

February 3, 2017

## 4<sup>th</sup> Annual Poudre River Forum

### Adapting Through and For Change on the Poudre River

PRESENTED BY

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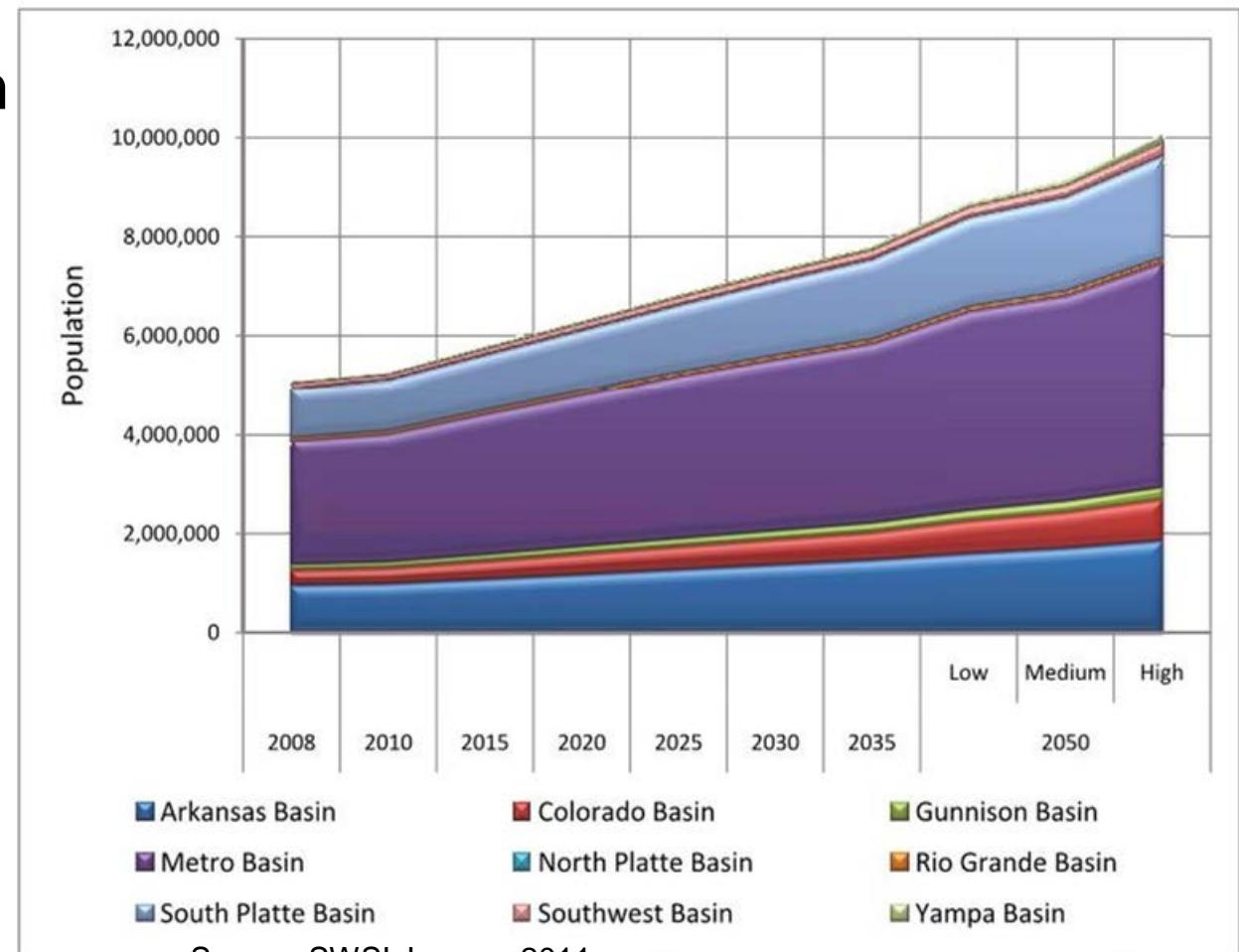


# What's Changing



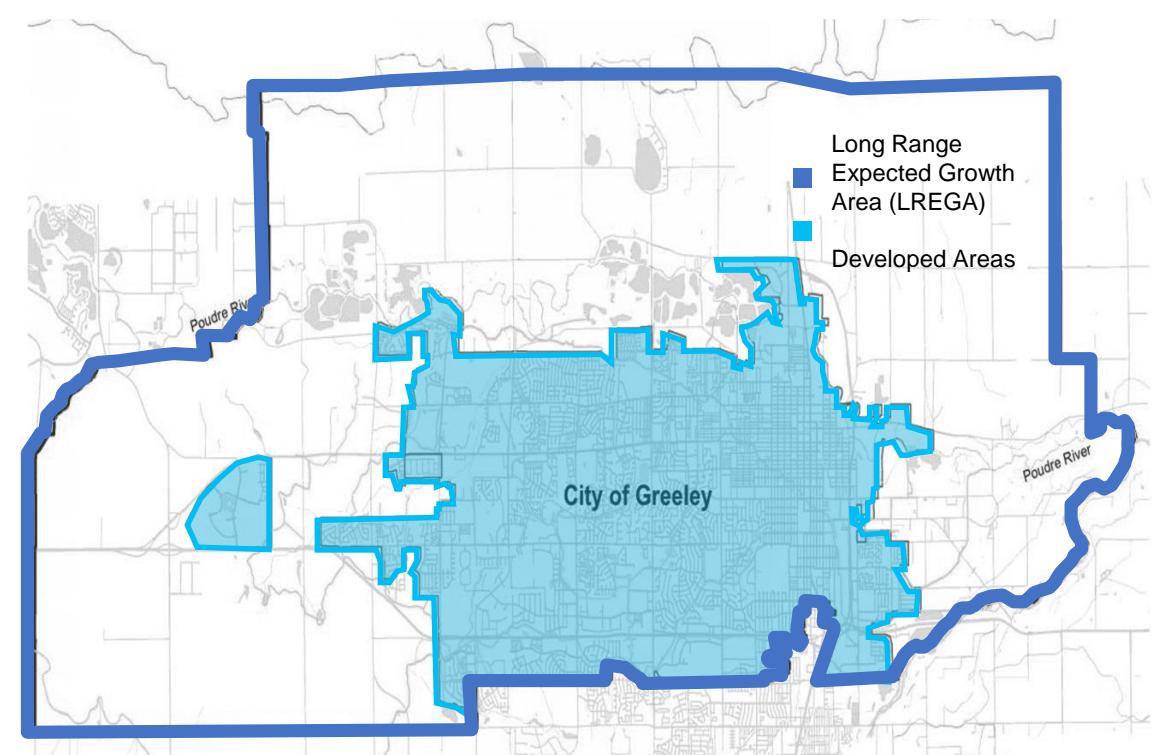
# State Perspective Population

- Colorado projected to grow from 5.1M to 10M people between 2008 and 2050
- Metro, and South Platte Basins projected to have largest populations in state



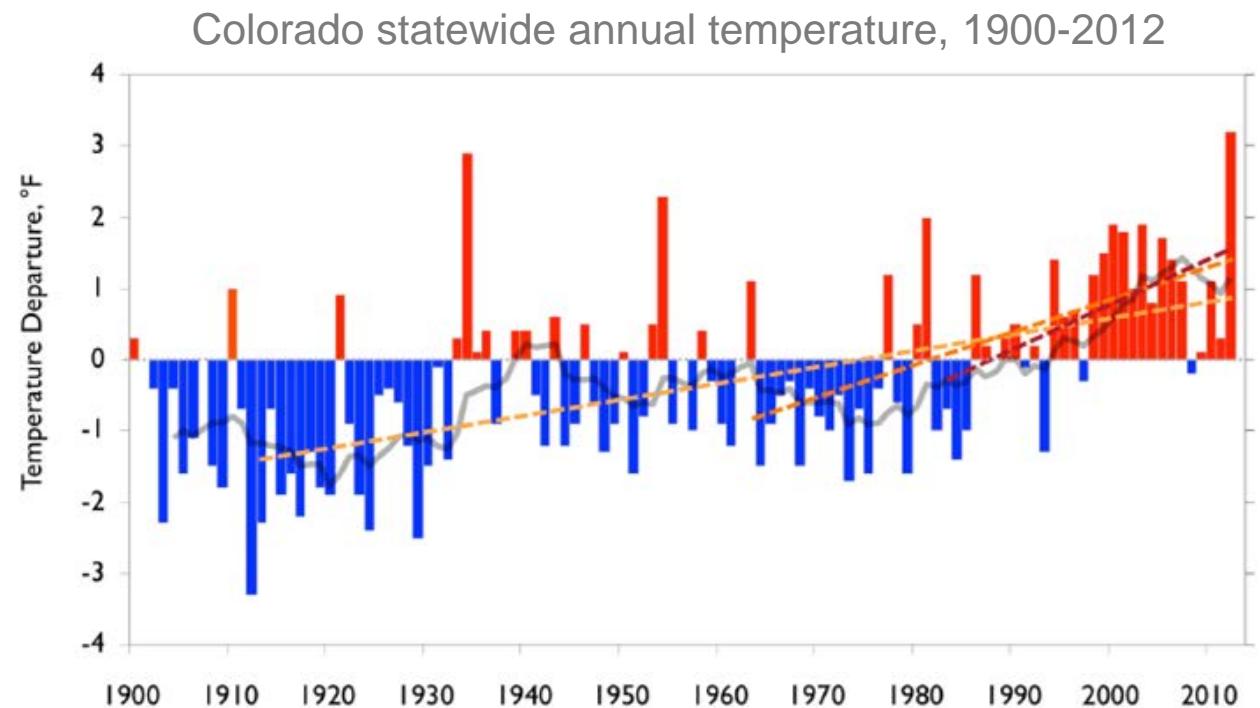
# Population Related to Greeley

- What does this mean for Greeley?
  - 2050 growth projections do not include area north of Greeley
  - Greeley's population projected to double by 2050
  - Greeley's average growth rate 2.0 %



# Climate Change

- High confidence that temperature and evapotranspiration will continue to increase in Colorado
  - Anticipated increase of 2.5° by 2025 and 4° by 2050
- Continued variability in precipitation across Colorado
- Warming trend and uncertainty in precipitation impacts yields



Source: <http://wwa.Colorado.edu>



# How do we manage change and Uncertainties?

# How do we manage change?

Continuing and  
Enhancing  
Water  
Conservation

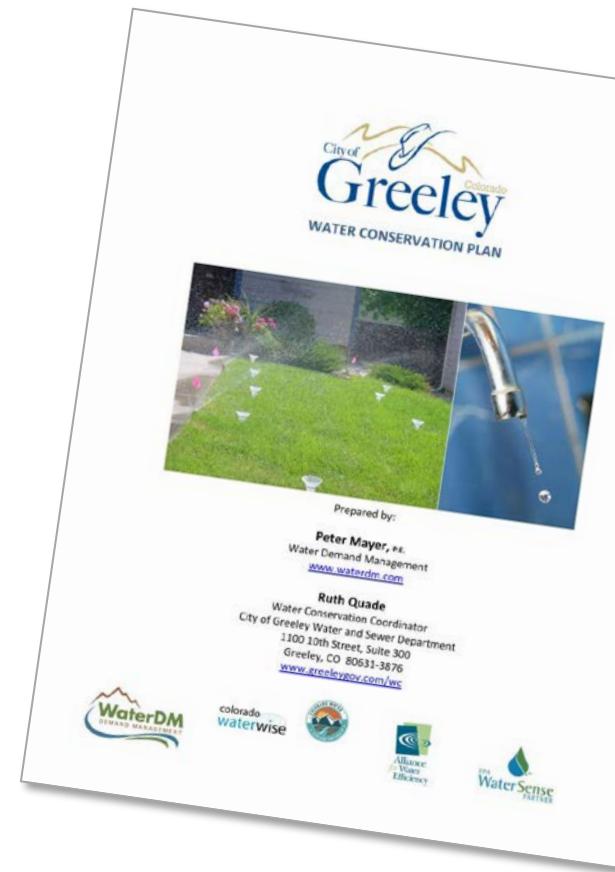
Strengthening  
Infrastructure

Supply  
Acquisition

Developing  
Additional  
Storage

# Demand Reducers

- Greeley's proactive conservation efforts
  - Metering
  - Leak Detection
  - Water Restrictions
  - Rebate Programs
  - Audits



Low flow showerheads



Low flow fixtures



Low flow toilets



Waterless fixtures

# Enhanced Conservation Measures - WET

## Water Efficiency Team

- Water Budget Rate Structure
- Water Educational Program – Helvetica
- Focus on Landscape – Work With Other Departments
  - Landscape Codes and Species
  - Converting Parks to Xeric – Work With Parks



# Infrastructure and Supply

Laramie

Cache la Poudre

Bellvue  
WTP

Greeley

Boyd WTP

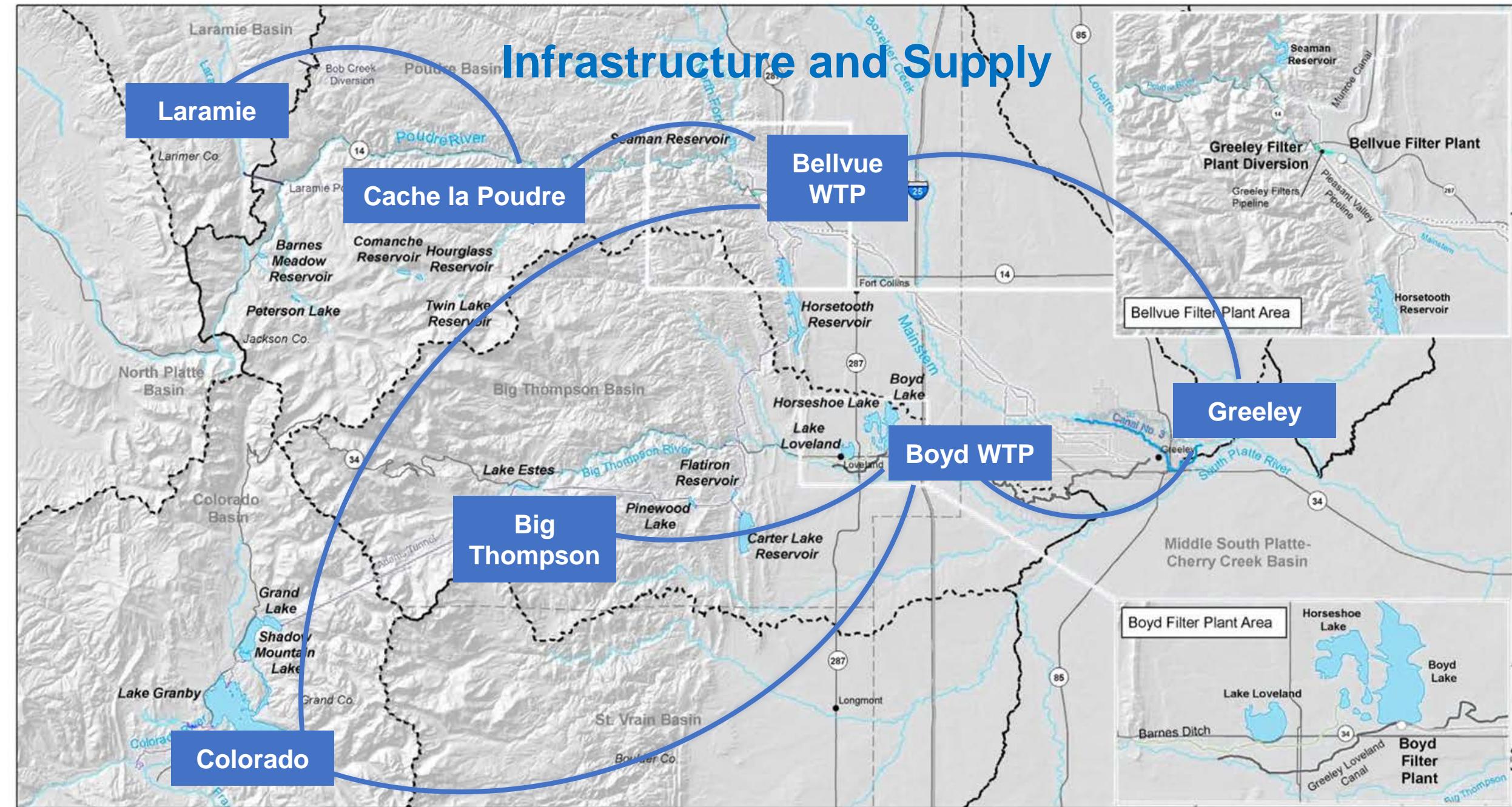
Big  
Thompson

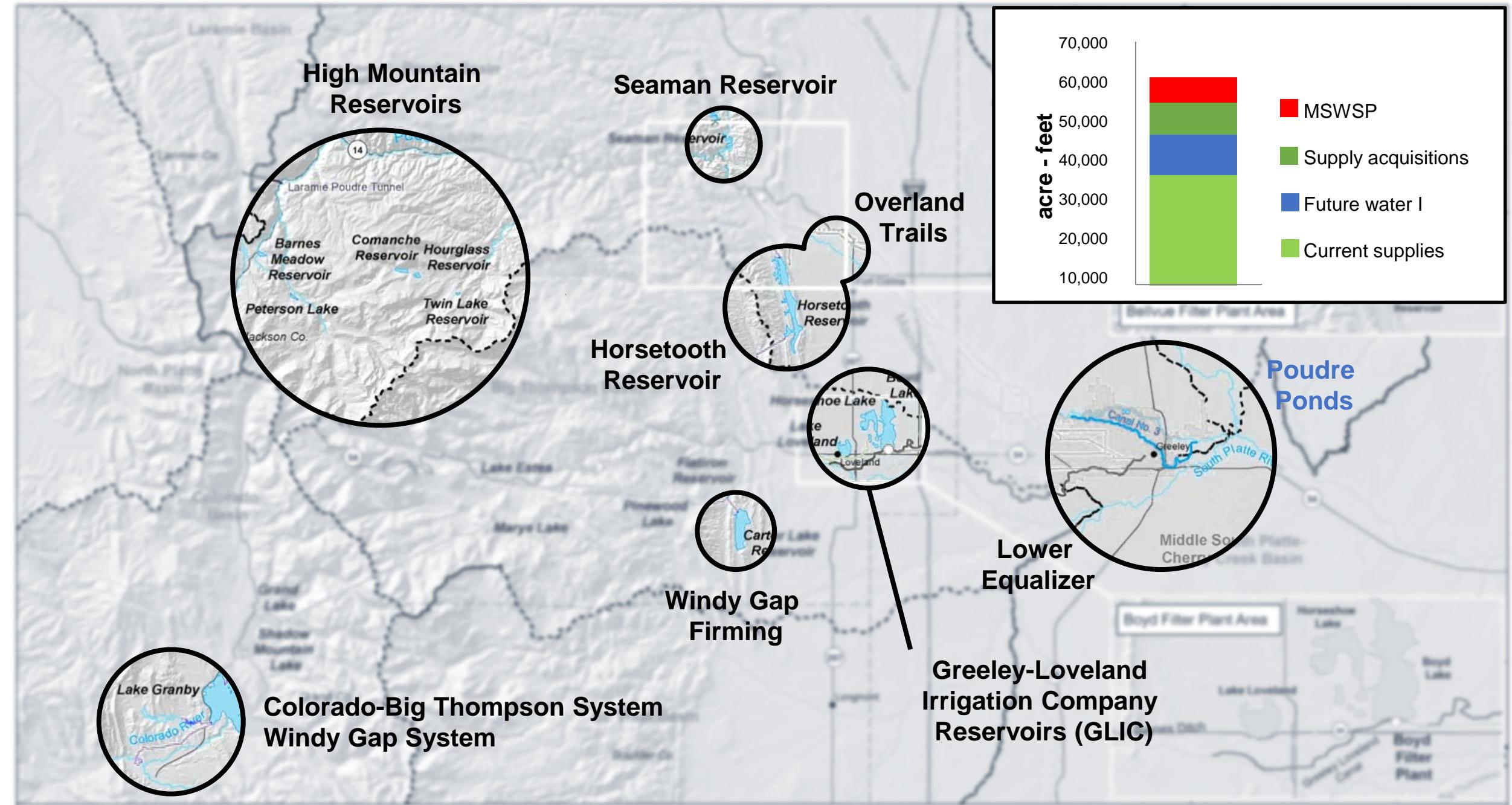
Colorado

Boyd Filter Plant Area



Bellvue Filter Plant Area

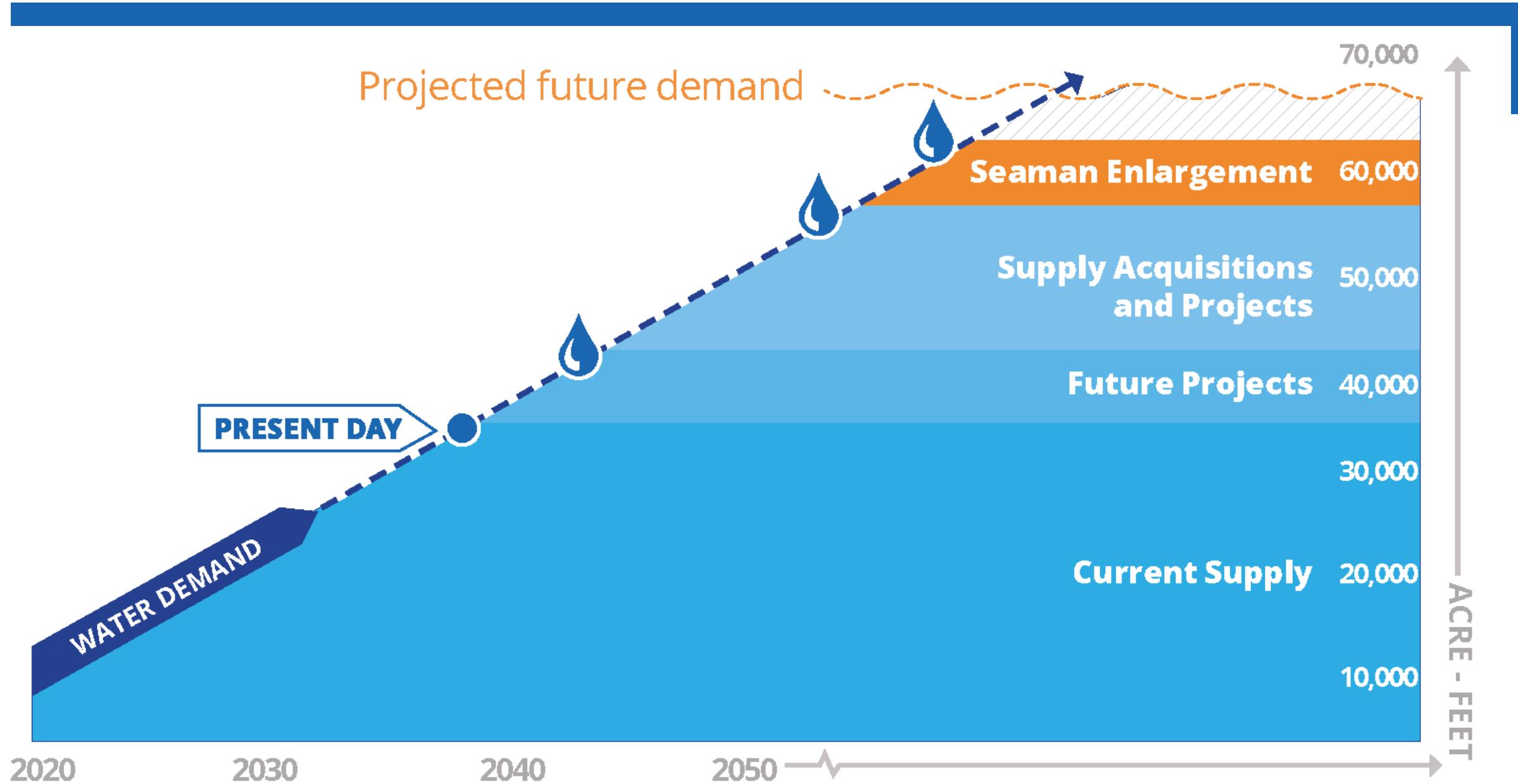




The background image shows a wide-angle aerial shot of a river flowing through a mountainous region. The mountains are covered in dense forests, with various shades of green and brown. The river curves through the landscape, creating a series of small lakes and waterfalls. The sky above is clear and blue.

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Thank you.