

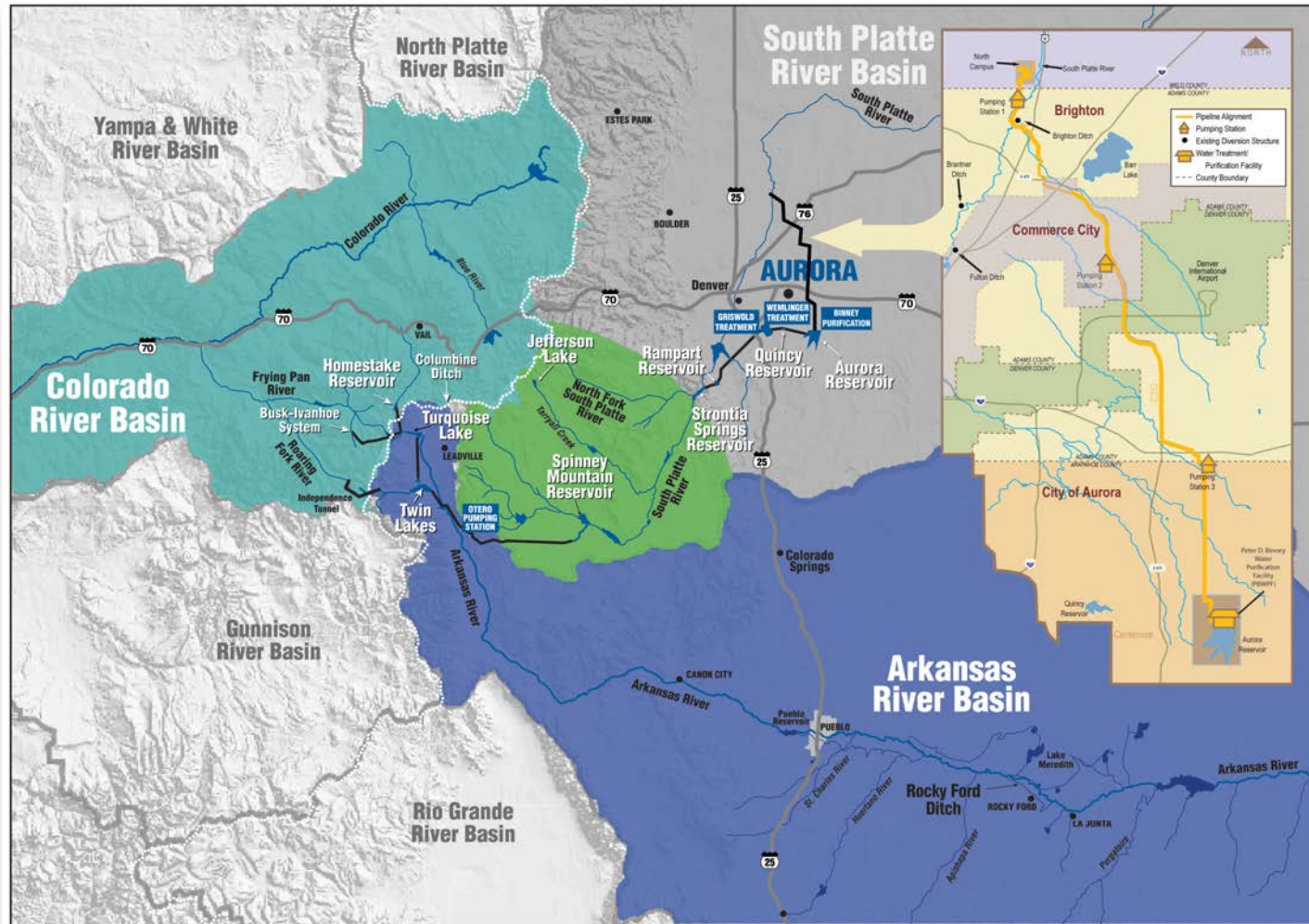
Development of a Diverse Municipal Water Portfolio

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Aurora's Water System



AURORA WATER ♦ **Water Supply**

- Aqueducts, diversion tunnels, pipelines
- Major roads, highways
- Streams, canals, reservoirs
- Continental Divide



Rocky Ford Ditch Drip Irrigation

- Farmer Installs Drip Systems
- Aurora Reimburses Costs up to \$1,400/Acre
- For Minimum of Next 10 Years
 - Aurora Pays \$50/Acre/Year
 - Aurora Provides 0.5 Ac-ft/Ac of Aug Water
 - Fields Remain in Irrigated Ag



Prairie Waters System

- Core project completed in 2010
- Current capacity 10 million gallons per day, if needed, with water that Aurora already owns
- Expandable to 50,000 AF with additional infrastructure
- Improve long-term “drought resistance”
- Improve reliability of supply and purification for all customers



Prairie Waters Multi-Barrier Purification Approach

1 Riverbank filtration extracts water from alluvium, and removes nitrate, pathogens, and trace organic chemicals in about 10 days of travel time.

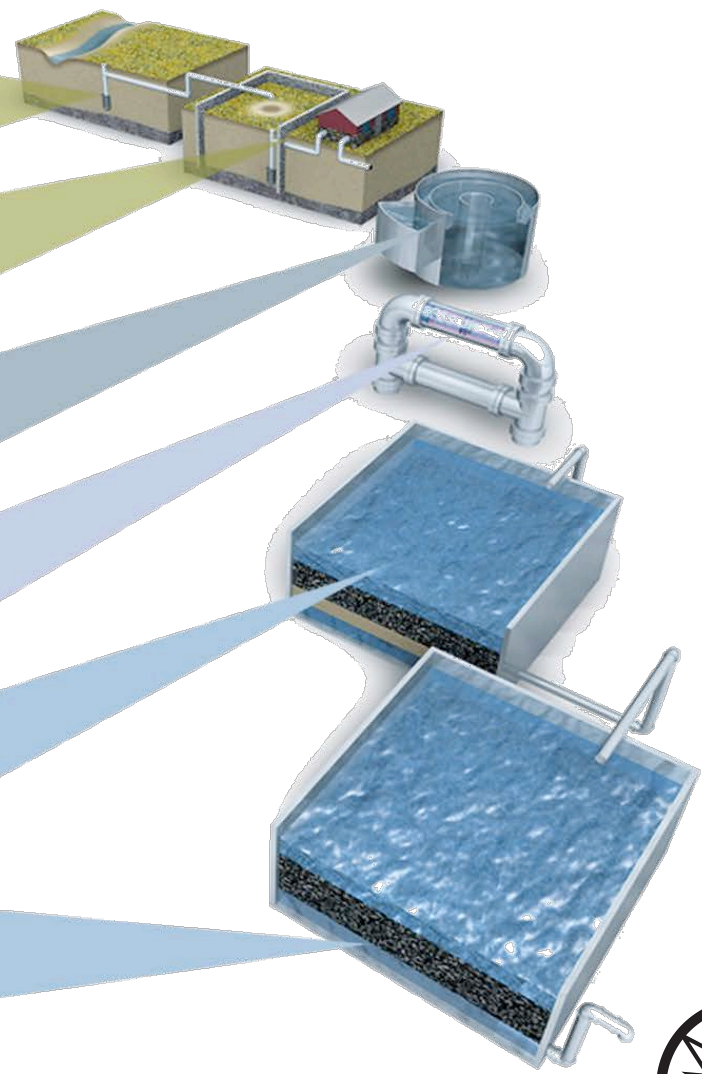
2 Aquifer recharge and recovery provides additional travel time for additional removal of nutrients and trace organics.

3 Chemical softening reduces hardness, calcium, manganese, iron, and scaling potential.

4 High intensity UV light combined with hydrogen peroxide oxidizes remaining trace organics.

5 Granular filters remove remaining particles and pathogens.

6 Granular activated carbon adsorbs remaining trace organics and improves taste.



Virtually indistinguishable from regular water supply when blended 2:1

