

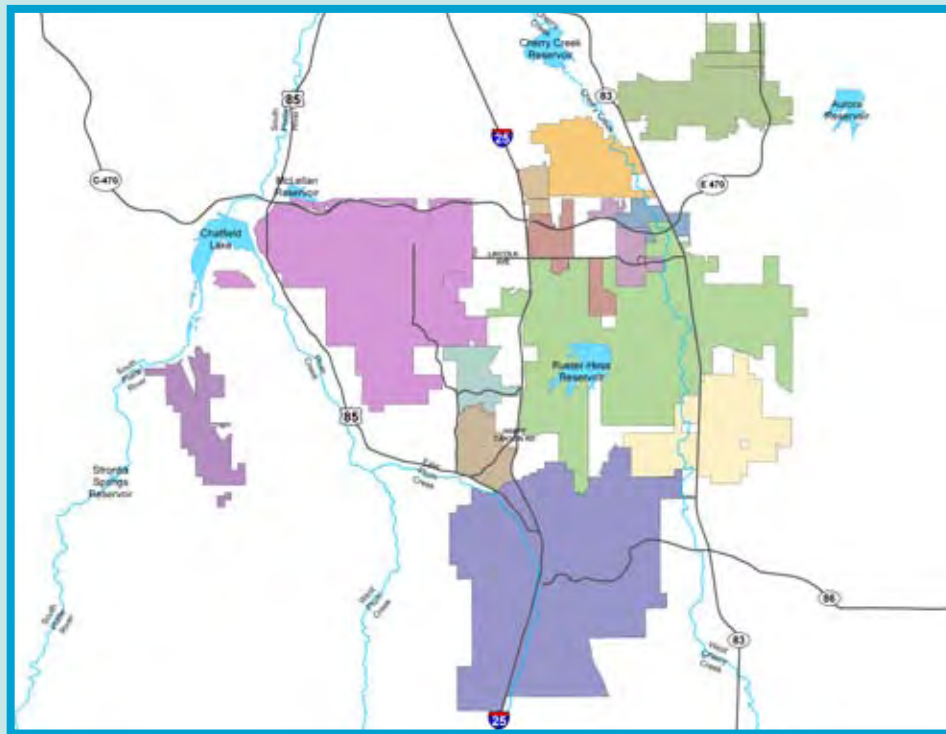
Regional Water Master Plan Synopsis



SMWSA
SOUTH METRO WATER SUPPLY AUTHORITY

SOUTH METRO WATER SUPPLY AUTHORITY (SMWSA) is the south-metro region's leader in water development and distribution. Formed in August 2004, SMWSA is an experienced and knowledgeable regional water entity that plans, develops and sources renewable water for Douglas and Arapahoe Counties in Colorado. The organization is comprised of 13 individual water providers, serving approximately 200 square miles, working collaboratively to foster long-term reliable water supplies through water acquisition and infrastructure. SMWSA's Regional Water Master Plan is a sustainable water strategy to support customers in the south-metro area through build out*.

SMWSA MEMBER SERVICE AREAS



WHERE OUR WATER COMES FROM

Water in Denver's south metro area comes primarily from bedrock groundwater from the Denver Basin, the South Platte, stream flows from Cherry Creek and Plum Creek through a variety of water rights and leases. While groundwater is sufficient to meet today's water demands, bedrock aquifers** do not have a significant source of natural replenishment. Recognizing the need to bolster water supplies to meet demand in the future more reliably and cost effectively, SMWSA created the Master Plan to reduce members' dependency on groundwater, develop new and renewable sources of water and transition to a more sustainable water supply.

THE MASTER PLAN, A PERMANENT SOLUTION TO LONG-TERM WATER NEEDS

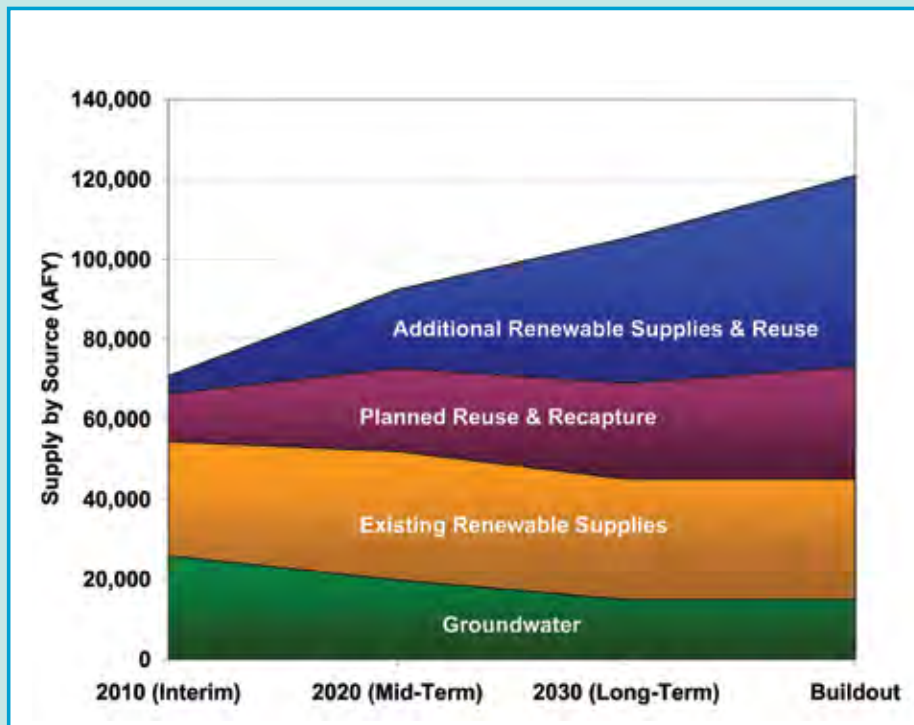
Similar to a transportation plan that outlines what roads need to be built or expanded to handle increased traffic volume, the Master Plan is a roadmap to maximize the use of existing infrastructure, explore partnerships with other water entities to acquire new water sources, lease or acquire water rights and to establish other needed structural projects to transition to a more sustainable supply portfolio. Aligned with Douglas and Arapahoe Counties' growth plans, the Master Plan is a permanent, cost-effective solution that promotes water conservation and reuse, along with expanding renewable water supplies.



THE MASTER PLAN offers a phased approach to developing future water supplies, beginning immediately and continuing to the 2030s and beyond. In the three phases of renewable supply development, participating providers will:

- **INTERIM** Seek renewable surface water supplies on a temporary basis from other water providers, and use local pipelines and infrastructure as much as possible to transport the water.
- **MID-TERM** Acquire additional new water supplies to meet SMWSA's goals through the early 2020s while phasing capital investments in major new water facilities.
- **LONG-TERM** Acquire additional water rights to meet goals for build out conditions, possibly through partnering with others on major water supply development and infrastructure investments.

IMPLEMENTATION TODAY AND BEYOND



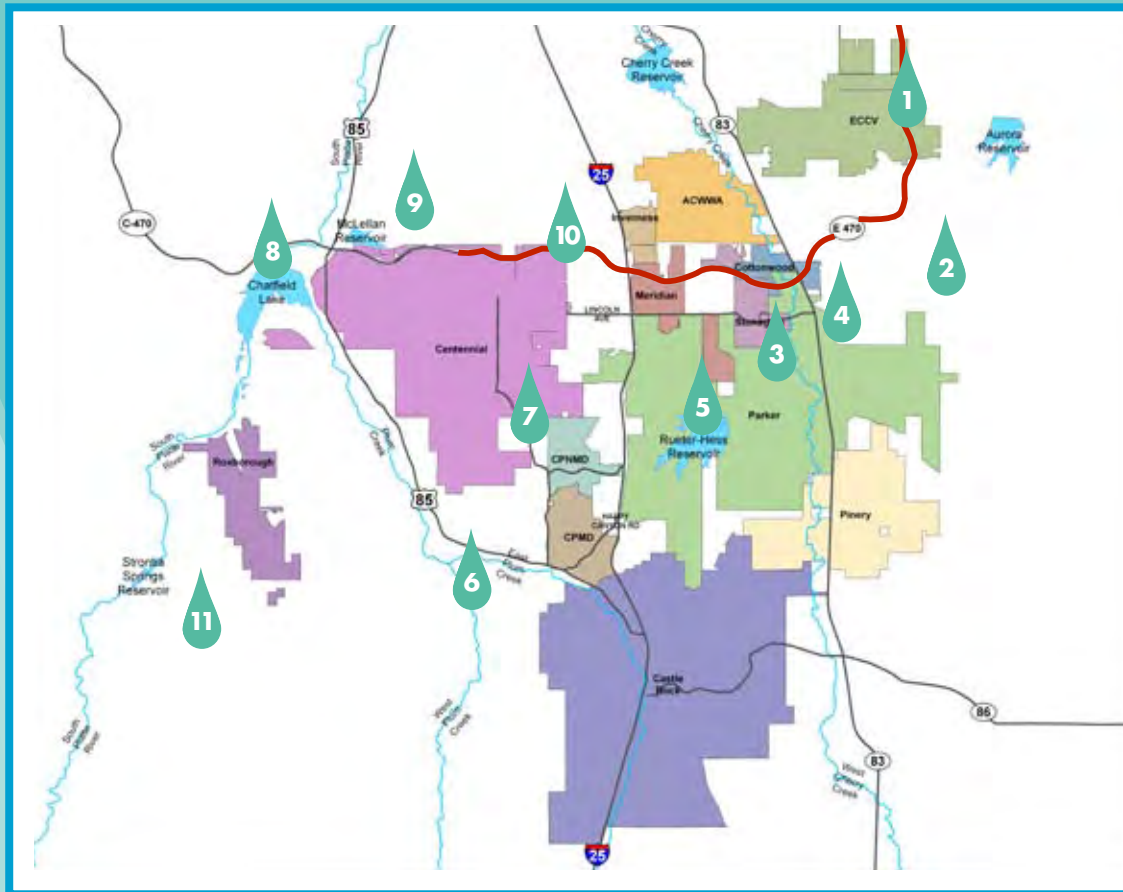
THE MASTER PLAN

- 💧 Is cost effective.
- 💧 Is a permanent solution.
- 💧 Is environmentally friendly and responsible.
- 💧 Offers a built in drought reserve.
- 💧 Maintains homeowners' property value.

Implementing the Master Plan will increase renewable water usage to nearly 90 percent.

THE MASTER PLAN also maximizes use of existing infrastructure. Cooperative programs planned and already underway include more aggressive water conservation, reuse efforts and sharing local resources.

SMWSA MEMBER INFRASTRUCTURE PROJECTS



1. ECCV Northern Pipeline
2. Upper Cherry Creek Water Users Association
3. Cherry Creek Project Authority (ACWWA/Cottonwood/Inverness/Pinery)
4. Joint Water Purification Plant (ACWWA/Cottonwood)
5. Rueter-Hess Reservoir
6. Plum Creek Rights & Reuse (Castle Rock/CPNMD/CPMD)
7. Centennial/CPNMD Interconnect
8. Chatfield Storage Reallocation
9. Centennial South Platte Reservoir & Water Treatment Plant
10. ECCV Western Pipeline
11. SMWSA Storage Applications

SMWSA, PLANNING FOR THE FUTURE

Water is a finite resource. As such, it must be managed responsibly and efficiently. To meet the area's long-term needs (water demand is expected to double between now and build out), water providers must transition to renewable sources. Implementing the Master Plan is more cost effective than continuing to rely on ground water supplies.

Water providers will make decisions about Master Plan project involvement based on individual water-supply goals, operational strategies and financial capabilities. SMWSA members fund projects through a combination of user fees, tap fees and property taxes.



SMWSA'S MEMBERS INCLUDE:

Arapahoe County Water and Wastewater Authority, Castle Pines Metropolitan District, Castle Pines North Metropolitan District, Centennial Water and Sanitation District, Cottonwood Metropolitan District, East Cherry Creek Valley Water and Sanitation District, Inverness Water and Sanitation District, Meridian Metropolitan District, Parker Water and Sanitation District, Pinery Water and Wastewater District, Roxborough Park Metropolitan District, Stonegate Village Metropolitan District and the Town of Castle Rock.



To learn more about SMWSA and its Master Plan, visit SouthMetroWater.org. For a complete copy of the Master Plan please e-mail info@southmetrowater.org.

** An exact Douglas and Arapahoe Counties build-out date is unknown.*

For the purposes of this document, it is estimated as beyond the year 2030.

***An aquifer is an underground geologic formation of rock, soil or sediment that is naturally saturated with water. An aquifer stores and yields groundwater to springs, wells and streams.*



SouthMetroWater.org