

## WHY WE NEED TO INVEST IN A RELIABLE WATER SOURCE

### *It's a simple equation of supply and demand*

#### **1. Our primary groundwater supply is decreasing.**

In the summer, our pumps are as low as they can go (as deep as 2,000 feet underground) and have a mere 15 feet of water above them. The water remaining in our wells in Castle Pines should be set aside as a reserve supply.

#### **2. Demand for our shared water supply is increasing.**

Over 330,000 people in Douglas County alone rely on the same aquifers we do for water. As the County's population continues to increase, so do the withdrawals from the groundwater source we share with the entire Front Range.

#### **3. Despite conservation efforts, water usage is growing annually.**

CPNMD offers programs and incentives to help residents conserve water, including free irrigation audits, rebates for efficient appliances and devices, watering schedules and Xeriscape classes and resources. Yet, peak summer water use in Castle Pines has increased 38% since 2013.

#### **4. Our plan for reliable, renewable water is well underway.**

CPNMD started planning back in 2003 when the seriousness of a regional water shortage was first recognized. Since then, we've accomplished the following:

- a) Purchased renewable water rights along the South Platte;
- b) Purchased storage at Rueter-Hess and Chatfield Reservoirs; and
- c) Expanded our partnership with Centennial Water and Sanitation District in Highlands Ranch to deliver CPNMD-owned renewable water during the winter months.

#### **5. Additional funding is required to complete the next phase.**

Our \$65.5 million plan includes infrastructure projects that will ensure that CPNMD is delivering 50% reliable, renewable water year-round by 2030. That cost will go up for every year we delay a decision on how to pay for this phase of the plan.