

CASTLE ROCK WATER

RESOLUTION: APPROVING THE RUETER-HESS DROUGHT WATER SUPPLY PILOT PLAN IGA

DECEMBER 15, 2020



PILOT PLAN IGA

BENEFITS

- Adding water into Castle Rock's Rueter-Hess storage
- RHR water can be treated for use (through Parker) in times of high demand
- No new infrastructure
- Strengthens partnerships
- Low cost

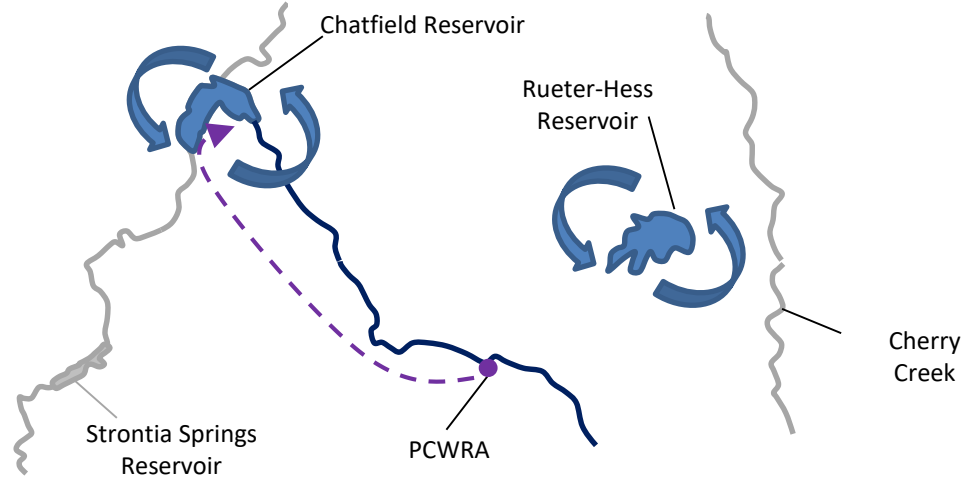


Rueter-Hess inlet structure carrying water from Cherry Creek

PILOT PLAN IGA

KEY TERMS

- Castle Rock's fully reusable return flows stored in Chatfield
- Denver's 'Pilot Water' sent through WISE infrastructure to Parker's system for use
- Parker has a reduced need to draw from Rueter-Hess supplies
- These 'unused' supplies in Rueter-Hess booked over to Denver
- Castle Rock and Denver will coordinate Reservoir Swap between stored water in Chatfield and Rueter-Hess



Schematic of the reservoir swap between Chatfield and Rueter-Hess

PILOT PLAN IGA

SCHEDULE AND BUDGET IMPACT

- IGA termination on Dec 31, 2024
- Pilot project limited to 1,000 acre-feet over four year period
- Approximately \$20,000 annually to cover reservoir swaps and administrative fees



Lower Plum Creek just upstream of Chatfield Reservoir

PILOT PLAN IGA

RECOMMENDATIONS

- Castle Rock Water Commission
- Staff
- **Questions?**





THANK YOU

I MOVE TO APPROVE RESOLUTION NO. 2020-124
APPROVING THE RUETER-HESS DROUGHT WATER
SUPPLY PILOT PLAN INTERGOVERNMENTAL
AGREEMENT BETWEEN THE TOWN OF CASTLE ROCK,
DENVER WATER, PARKER WATER AND
EAST CHERRY CREEK VALLEY