

CASTLE ROCK WATER

**WISE PROJECT UPDATE  
AND**

**RESOLUTION: AUTHORIZING PAYMENT OF CASTLE ROCK  
WATER'S PORTION OF THE 2021 BINNEY CONNECTION COSTS  
AND**

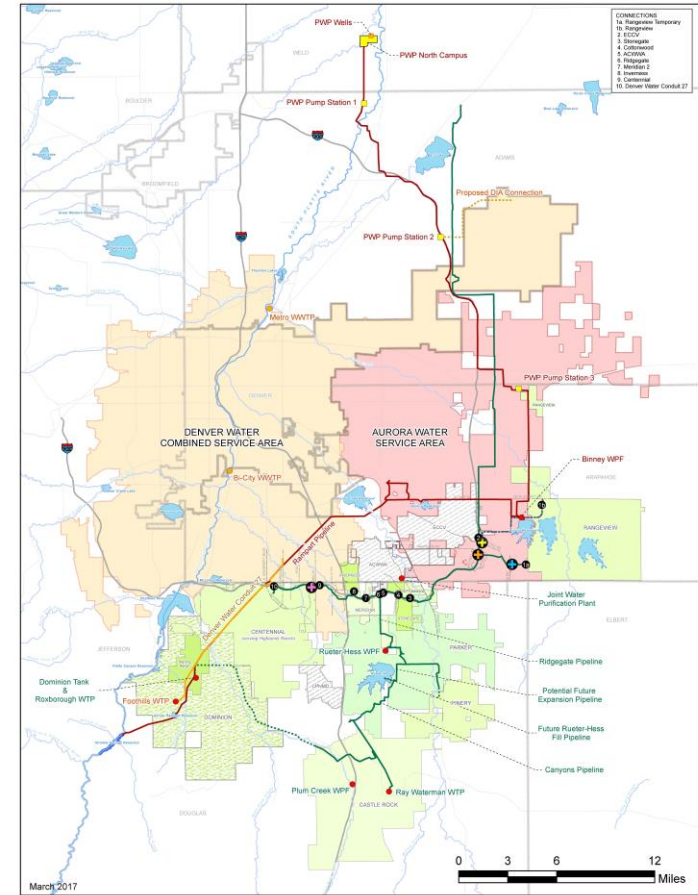
**RESOLUTION: AUTHORIZING TOWN MANAGER TO APPROVE  
2021 MONTHLY WISE DELIVERY COSTS**

MAY 18, 2021



# WISE PROJECT BACKGROUND

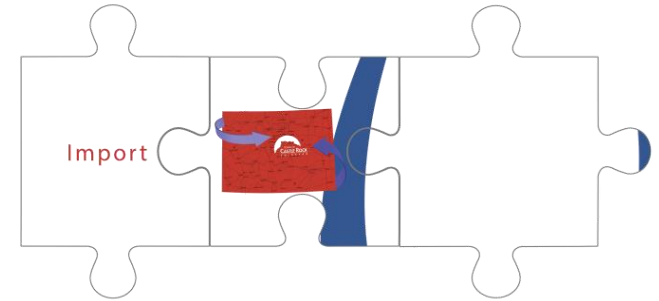
- Key part of Castle Rock's Long Term Renewable Water Plan
- WISE Partnership: Ten South Metro Members, Denver and Aurora
- Water Delivery Agreement signed in 2013
- Interruptible supply of renewable & reusable water
  - Currently in the Ramp-Up Period
  - Castle Rock's subscription is 2,000 acre-feet annually



# WISE PROJECT

## UPCOMING CONSIDERATIONS

- Coming in 2021
  - Jan. 1: Water Rate decrease from \$5.99/ kgal to \$5.98/ kgal
  - Completion of the Binney Connection pump station
  - Design of Parker Midsection
  - Revision of Water Delivery Agreement
- Beyond 2021
  - Completion of the Binney Connection (May 2022)
  - Denver International Airport Connection (Completion 2023-2025)
  - Blending/ Desalination (Completion 2030)



# WISE PROJECT

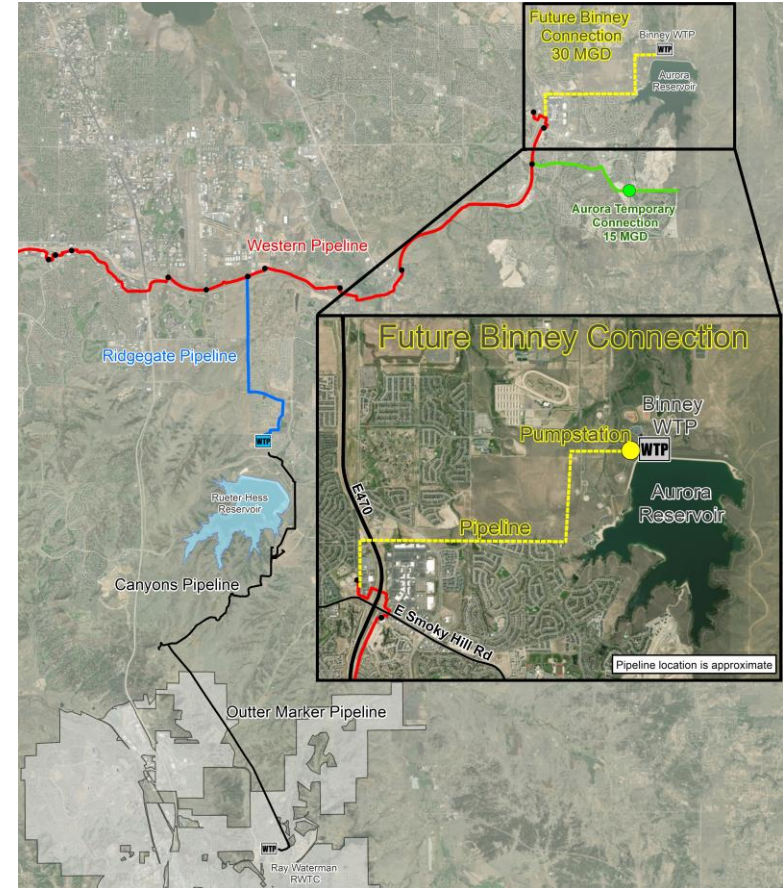
## WATER DELIVERIES

Received & Projected Deliveries by WISE Year					
	WISE Year	Start of WISE Year	CRW Obligation (AF)	CRW Received (AF)	Total Cost of Deliveries to CRW
Ramp-Up Period	1	2017	208	280	\$ 544,600
	2	2018	346	981	\$ 2,083,100
	3	2019	484	1,012	\$ 2,335,000
	*4	2020	692	950	\$ 2,060,750
DC Option Ramp-Up	*5	2021	692	1,000	\$ 2,025,900
	*6	2022	1,250	1,250	\$ 2,532,400
	*7	2023	1,500	1,500	\$ 3,165,600
	*8	2024	1,750	1,750	\$ 3,957,100
Full Deliveries	*9	2025	2,000	2,000	\$ 5,100,000
<i>*Estimated costs and volumes</i>					
<i>WISE Year begins on June 1 and ends on May 31 of the following year</i>					

# BINNEY CONNECTION

## BACKGROUND

- Required in Water Delivery Agreement
- Replaces temporary connection completed in 2016
  - Capacity
  - Emergency connection for future
- Constructing permanent Binney Connection
  - Increased capacity
  - Description
  - Castle Rock Percent Ownership



# BINNEY CONNECTION

## BUDGET & SCHEDULE

### Budget

- 2021 Castle Rock Budget: \$476,100
- Total Castle Rock Binney Investments: \$6.7 million
- Total Authority Project Costs: \$41.8 million

### Schedule

- Pump station completed in September 2021
- Pipeline completed in May 2022
- Operational June 2022

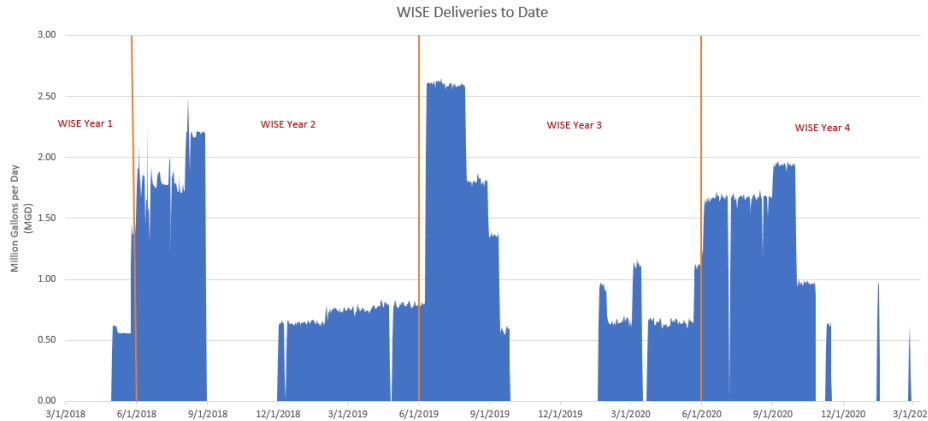


*Construction of the Binney Connection*

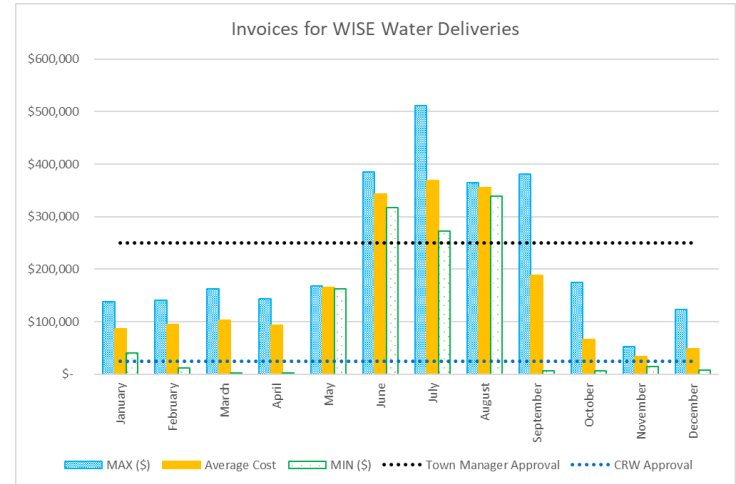
# WISE PROJECT

## INVOICE APPROVALS

- WISE water historically delivered at higher rates during summer months



- Average cost of WISE deliveries during this time typically greater than \$250,00





# WISE PROJECT

## INVOICING PROCESS

- WISE water invoices & signing authority
- Proposed process
  - Invoices approved by Town Manager
  - Annual updates to Council on costs
  - Summary memo with expected costs as back-up



*Southwest-side of the WISE Smoky Hill Tank - 2017*



# WISE PROJECT RECOMMENDATIONS

- Staff
- **Questions?**





# THANK YOU

I MOVE TO APPROVE RESOLUTION NO. 2021-051 AS INTRODUCED BY  
TITLE

I MOVE TO APPROVE RESOLUTION NO. 2021-052 AS INTRODUCED BY  
TITLE