

CASTLE ROCK WATER

**RESOLUTION – THIRD AMENDMENT TO THE SERVICE  
AGREEMENT WITH BURNS & MCDONNELL  
ENGINEERING COMPANY, INC., FOR THE CHATFIELD  
RESERVOIR PUMP BACK PROJECT**

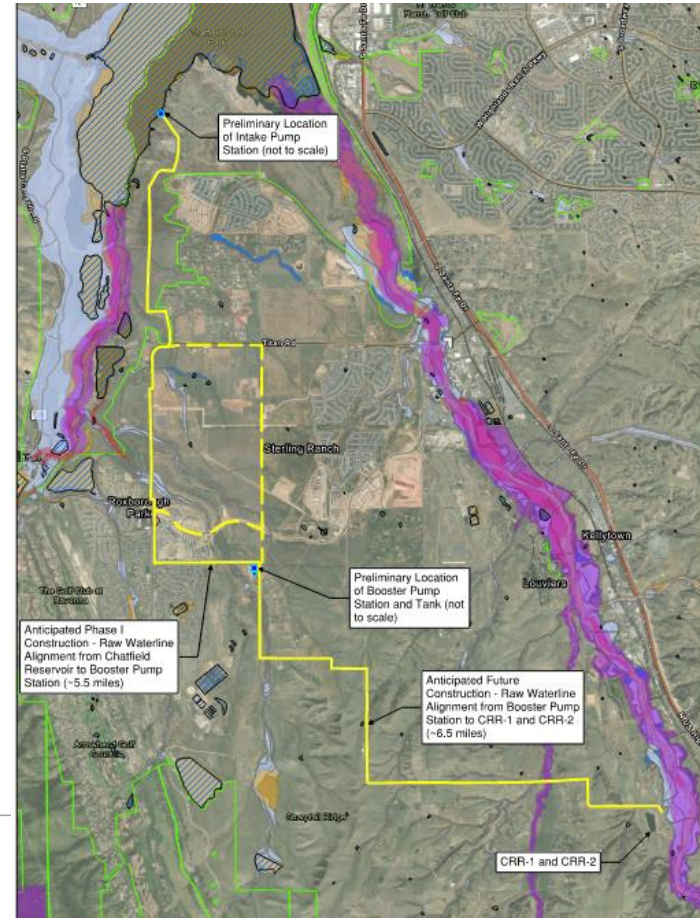
NOVEMBER 4, 2025



# CHATFIELD PUMP BACK PROJECT

## PROJECT BACKGROUND

- Store up to 2,000 acre feet in Chatfield Reservoir
- Goal is to deliver water from Chatfield Reservoir back to the Town, via Castle Rock Reservoirs 1 and 2 (CRR1 & CRR2)
- Infrastructure for the project includes:
  - Intake structure and pump station at Chatfield Reservoir
  - Booster Pump Station and hydraulic balancing storage tank
  - Approximately 12 miles of pipe to transfer water to CRR1 and CRR2.
- Burns & McDonnell competitive award for preliminary design services from 2022-2025



# CHATFIELD PUMP BACK PROJECT

## AMENDMENT 3 SCOPE AND SCHEDULE

- 20% Design of Intake Pump Station at Chatfield Reservoir
- 20% Design of Booster Pump Station and Raw Water Storage Tank
- Conceptual Design (5%) of 12 miles new raw waterline, 20% for Chatfield to Booster Pump Station
- Preliminary Hydraulic Analysis of entire water line
- Identification of Permitting Requirements
- Identification of Land Acquisition / Easement Requirements
- Preparation of Written Request for NEPA Determination (includes environmental, cultural, and historical studies)

|                                            | 2025 |     | 2026 |     |     |     |     |     |
|--------------------------------------------|------|-----|------|-----|-----|-----|-----|-----|
| Task                                       | Nov  | Dec | Jan  | Feb | Mar | Apr | May | Jun |
| Field Data, Environmental/Cultural Studies |      |     |      |     |     |     |     |     |
| Basis of Design / Preliminary Design       |      |     |      |     |     |     |     |     |
| Permitting                                 |      |     |      |     |     |     |     |     |
| Easement Acquisitions                      |      |     |      |     |     |     |     |     |
| Hydraulic Modeling                         |      |     |      |     |     |     |     |     |

# CHATFIELD PUMP BACK PROJECT

## SCHEDULE CHALLENGE

- Early 2025 - Reached out to CORP with a preapplication meeting request under 408 permitting requirements.
  - Goal to gain alignment with CORP on permit application requirements – level of design required for the permit review.
  - Reached out periodically (monthly, to biweekly) to follow up on the request.
- 9/2/2025 - Received email from CORP acknowledging request. CORP can't schedule a meeting due to limited funding Unknown when additional funding will be available.
  - Unable to provide direction on level of design detail required for application prior to having a meeting to discuss the project.
  - Indicated they would let us know when additional funds are available, but also let us know we could self-fund our own review.
- 11/4/2025 - Pursuing this next phase of the project with current engineer.
  - Limiting design development to scope required to deliver water to Ravenna Pump Station (creating a more focused package that CORP will need to review).
  - We are including environmental studies required to complete NEPA review/designation process, which is a precursor to the section 408/404 permit reviews with CORP.
- Summer 2026 – 4<sup>th</sup> Amendment to Agreement to submit CORPs permit application.
- For reference, Chatfield Reallocation Project permitting/planning started in mid 1990s.

# CHATFIELD PUMP BACK PROJECT

## NEAR TERM BUDGET IMPACTS

| Account Number                                     | Current Balance | Amendment 3 Requested Authorization | Budget Transfer | Account Balance |
|----------------------------------------------------|-----------------|-------------------------------------|-----------------|-----------------|
| 211-4375-443.78-03<br>(Chatfield West Alt Project) | \$537,281.54    | \$577,286.74                        | \$41,000        | \$578,284.51    |

A budget transfer of \$41,000 from Account 211-4375-443.77-54 will be completed to fund this project

| Agreement                                                   | Contract     | Contingency | Total Authorization |
|-------------------------------------------------------------|--------------|-------------|---------------------|
| Previously Approved                                         |              |             |                     |
| RESO 2022-103<br>Original Agreement<br>(Approved 9/20/2022) | \$349,149.00 | \$34,914.90 | \$384,063.90        |
| Amendment 1<br>(Approved 9/22/2023)                         | -            | -           | -                   |
| Amendment 2<br>(Approved 9/5/2024)                          | -            | -           | -                   |
| Invoiced to Date                                            | \$349,149.00 | \$0.00      | -                   |
| Amount Remaining                                            | \$0.00       | \$34,914.90 | -                   |
| Under Consideration                                         |              |             |                     |
| Amendment 3                                                 | \$556,551.00 | 20,735.74   | \$577,286.74        |
| Amended Total                                               | \$905,700.00 | \$55,650.64 | \$961,350.64        |

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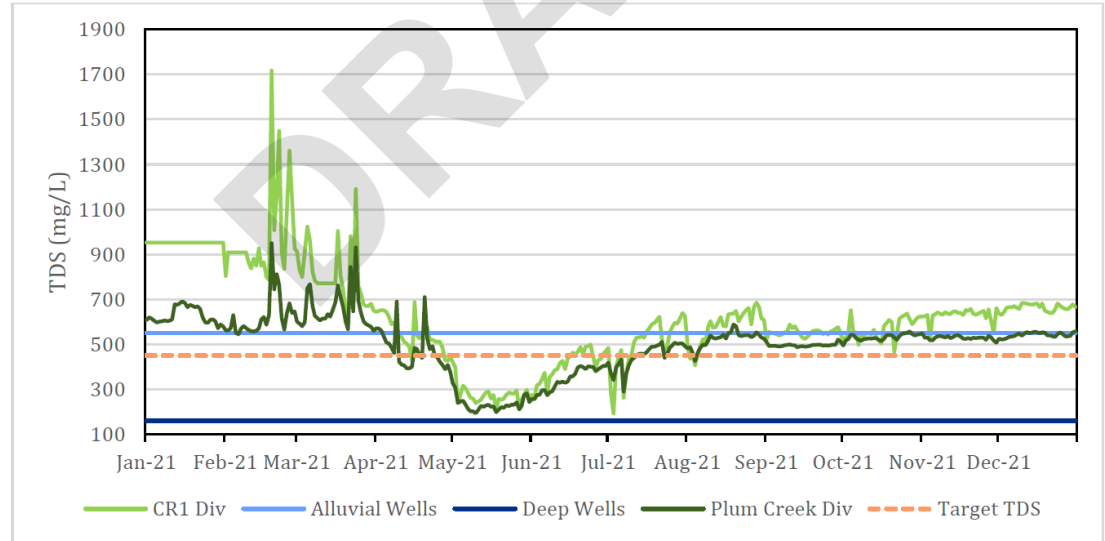
## LONG TERM BUDGET IMPACT & RECOMMENDATIONS

### Long Term Budget Impact

- Capital Cost \$85-\$100 million
- Budgeted 2031 to 2035
- Water Quality Savings
- Budget schedule entirely reliant on permitting

### Recommendations

- Castle Rock Water Commission
- Staff



# CHATFIELD PUMP BACK PROJECT

## MOTION OPTIONS

### PROPOSED MOTION:

*“I move to approve the Resolution TMP 2025-141 as introduced by title.”*

### ALTERNATIVE MOTIONS:

*“I move to approve the Resolution as introduced by title, with the following conditions: (list conditions).”*

*“I move to continue this item to the Town Council meeting on \_\_\_\_ date to allow additional time to (list information needed).”*