



## STAFF REPORT

**To:** Honorable Mayor and Members of Town Council

**Through:** David L. Corliss, Town Manager

**From:** Mark Marlowe, P.E., Director of Castle Rock Water  
Lauren Moore, Water Resources Manager  
Zuzana Howard, Water Resources Project Analyst

**Title:** **Resolution Approving a Construction Contract with Hydro Resources for the 2026 Denver Basin Aquifer Wells Rehabilitation, Pumping Equipment Replacement, and Well Abandonment Project** [*Five wells within the Meadows, Founders, Castle Oaks, and Terrain subdivisions*]

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### Executive Summary

The purpose of the resolution (**Attachment A**) is to request Town Council approval of a Construction Contract (**Exhibit 1**) with Hydro Resources – Rocky Mountain, Inc (Hydro Resources) for the 2026 Denver Basin Aquifer Well Rehabilitation, Pumping Equipment Replacement, and Well Abandonment Project. In 2016, Castle Rock Water started a planned well rehabilitation program. This program is designed to help maintain water production yields from our current deep well assets and to reduce the likelihood of emergency well failures. The program targets wells that are showing declines in well yield and/or have been identified as equipped with older pumping equipment. This program has proven successful over the past ten years due to limited well failures during peak demand season, increased well efficiencies, decreased power consumption, and increases in well yield. The 2025 rehab project included three wells and contributed to an increase in well efficiency of 9.5% over the past year, as shown below.

Year	Well Production of 2025 Rehab Project Wells
2024 (pre-rehab)	582 gpm
2025 (post-rehab)	637 gpm

This spring, CRW is targeting three Denver Basin Wells (CR-44, CR-118, and CR-219) for planned rehabilitation and equipment replacement. As a preventative measure, one well (CR-72R) is scheduled for a video survey to evaluate calcium build-up that was discovered and removed four years ago. This project will also consist of an abandonment of one inactive well

(CR-92) in preparation for the construction of the new Fire Station in Castle Oaks. **Attachment B** shows the locations of the wells that will be rehabilitated.

After Hydro Resources was selected as the lowest bidder, Water Resources Staff identified one Aquifer Storage and Recovery (ASR) Well (CR-233) that is in a need of repairs and asked the contractor for an additional quote. Hydro provided a cost for investigation, pulling the equipment, and replacing the drop pipe for a total of \$58,060. The original bid amount is \$553,070 which brings the contract total to \$611,113. CRW recommends approval of a construction contract with Hydro Resources in the amount of \$611,130 plus a ten percent Town-managed contingency in the amount of \$61,113, for a total project cost of \$672,243. The schedule is critical for this project given the need for these wells during irrigation season. Work will begin immediately upon contract approval and is scheduled for substantial completion by June 2026.

### **Notification and Outreach Efforts**

All work will be completed on Town of Castle Rock property. Notification and outreach efforts will include postcard mailers to nearby homes describing the project details such as location, dates, and work hours. Additionally, the project will be listed on the Castle Rock Water website.

### **History of Past Town Council, Boards & Commissions, or Other Discussions**

Castle Rock Water staff presented this item to the Castle Rock Water Commission at their meeting held on January 28, 2026, and the Castle Rock Water Commission recommend Town Council approval of the Resolution as presented.

### **Discussion**

It is important to keep our existing infrastructure operating in an efficient manner to ensure that peak water demands during the summer months can be met, without resorting to water curtailment measures due to well failures. In order to do this, the Water Resources Division has established a yearly rehabilitation and equipment replacement program for priority deep Denver Basin wells. A formalized program helps mitigate emergency well services due to pumping equipment failure. This is accomplished by identifying the wells that are showing declines in production due to biofouling and wells with older pumping equipment. Replacing older pumping equipment often provides the opportunity to resize equipment so that better well efficiency is achieved, reducing the long-term costs of operating the wells. CRW typically budgets \$1,000,000 annually for repair and maintenance.

The following wells are identified for the 2026 Denver Basin Aquifer Well Rehabilitation and Pumping Equipment Project: Arapahoe Aquifer Wells CR-118, CR-219 and Dawson Aquifer Well CR-44. The combined daily production from the wells is 1.0 million gallons per day, which collectively represents approximately 5% of our 5-year average peak summer daily demand. The project will also consist of an abandonment of one inactive Well CR-92 and a video investigation of Well CR-72R to evaluate calcium build-up.

Castle Rock Water sent out an Invitation to Bid on Rocky Mountain BidNet. The following table is a summary of the bids:

<b>Layne Christensen</b>	<b>Applied Ingenuity</b>	<b>Colorado Pump</b>	<b>Hydro Resources</b>
\$939,400.00	\$590,986.00	\$622,679.28	\$553,070.00

Upon review of the bid proposals, schedule, and pricing, CRW Staff decided to move forward with Hydro Resources. As mentioned in the executive summary, additional repairs for ASR Well CR-233 were added to this project after bids were received. Castle Rock Water requested a quote from Hydro Resources, the lowest bidder, to provide a cost for repairs to the ASR well. The quote provided by Hydro Resources is \$58,060 and the original bid amount is \$553,070. The total contract amount is \$611,113. Staff evaluated the pricing and believe it to be competitive. Hydro Resources has successfully worked with the Town on previous well rehabilitation projects and is also the emergency on-call contract with CRW’s operations team.

**Budget Impact**

Funding for the project will come from the following account: CIP Repair and Maintenance - Wells 210-4250-442.40-37, which has a balance of \$1,000,000.

<b>Project Account</b>	<b>Contract Amount</b>	<b>Contingency</b>	<b>Total Authorization</b>
210-4275-442.40-37 Repair & Maintenance – Wells – 2026	\$611,130	\$61,113	\$672,243

**Staff Recommendation**

Staff recommends Town Council approval of a Construction Contract with Hydro Resources for the 2026 Denver Basin Aquifer Wells Rehabilitation and Pumping Equipment Replacement Project.

**Proposed Motion**

*“I move to approve the Resolution 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).”*

**Attachments**

- Attachment A: Resolution
- Exhibit 1: Construction Contract
- Attachment B: Location Map