



## **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  
Shawn Griffith, Assistant Director of Operations  
John Chrestensen, Operations Manager

**Title:** **Resolution Approving an Equipment and Services Agreement between the Town of Castle Rock and Treatment Technology Holding, LLC for Treatment Chemicals** *[Entire Castle Rock Water Service Area]*

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### **Executive Summary**

Castle Rock Water (CRW) staff requests the Town Council's approval of an Acquisition and Services agreement with Treatment Technology Holding, LLC (Treatment Technology) to provide water treatment chemicals for the not-to-exceed amount of \$750,000 (***see Attachment A***).

### **Notification and Outreach Efforts**

This project is security-sensitive, and no public outreach is planned. Work will be performed at various CRW water treatment facilities and will be done out of the public eye.

### **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 December 10, 2025, and the Castle Rock Water Commission voted unanimously 7 to 0 to recommend Town Council approval of the Resolution as presented.

### **Discussion**

CRW relies on the use of chemicals to properly treat water to serve the community. A steady and reliable supply of these chemicals is imperative to ensure CRW maintains drinking water regulations and to reliably meet system demands.

The Town of Castle Rock posted an Invitation for Bid (IFB) on BidNet in November. Four bidders submitted bids, as shown below:

- Harcos Chemicals
- Pennco, Inc.
- Treatment Technology Holding, LLC
- Univar Solutions

Treatment Technology was the only company to submit a completed bid package. The other vendors did not submit a completed bid form and could not meet the requested delivery requirements.

Over the years, CRW has utilized several different chemical vendors and has determined that Treatment Tech offers the most reliable, prompt, and responsive service. This is largely because Treatment Technology is well-suited to work with small and medium-sized water systems, as they offer multiple chemical delivery options. Although chemicals are utilized at all of CRW's six water treatment plants, the size, location, and design of each plant make each delivery method unique.

One significant benefit of working with Treatment Technology is the flexibility they provide in terms of delivery options. The use of bags, drums, and totes is particularly valuable for our smaller water treatment plants, where space and demand are limited. Conversely, the use of tankers allows us to efficiently supply our larger plants with the volume they require. This diversity in delivery methods makes chemical supply and storage safe, practical, and economical for our Plant Operations team. Treatment Technology is the only local vendor that offers this range of delivery options.

Additionally, their turnaround times are well-suited to fit CRW's needs. From the moment an order is placed to the time of delivery, Treatment Technology responds quickly and efficiently, which is critical to the success of our water treatment processes. This level of responsiveness and dependability sets them apart from other suppliers.

Treatment Tech was the only company that responded with their 2026 rates. Many companies that service our area provide chemicals to large municipalities, such as Aurora and Denver Water, and only offer tanker truck deliveries.

Treatment Technology provides various chemicals required for water treatment at Castle Rock Water's treatment plants. These chemicals play a vital role in keeping our treatment systems operating effectively, ensuring compliance, and maintaining the safety and quality of our community's water supply. Following is a list of water treatment chemicals provided by Treatment Technology that are used at our surface and deep well water treatment facilities:

- **Sodium Hypochlorite & Liquid Ammonium Sulfate:** Used together in the disinfection process to form chloramines at all of CRW's water plants, which provide long-lasting protection against harmful microorganisms and help safeguard public health.
- **Caustic Soda:** Is used at Plum Creek Water Purification Facility (PCWPF) to adjust and control pH levels, ensuring optimal treatment performance and protecting infrastructure.
- **Sodium Bisulfite:** Applied to neutralize chlorine after Clean-in-Place procedures and enhance flux maintenance on our microfiltration racks at PCWPF.
- **Sodium Thiosulfate:** Used to dechlorinate any treated water that is discharged to storm drains or sewer systems, protecting the environment.

- **Hydrogen Peroxide:** Utilized in our raw and intermediate ozone process at PCWPF to create hydroxyl radicals, which improve the breakdown of organic material and metals at PCWPF.
- **Aluminum Sulfate (Alum):** Used to help reduce the settling time on suspended solids at the Founders and Meadows Water Treatment Plants after backwashes.
- **Citric Acid:** Used to clean the microfiltration racks and maintain their efficiency at PCWPF.
- **Citric Acid Anhydrous:** Used at the Bell Mountain Ranch Water Treatment Plant to regenerate ion exchange media, improving the removal of iron and manganese.
- **SureSoft Water Softening Pellets:** Used in the water softening process to regenerate media and reduce hardness, which helps protect injectors for liquid ammonium sulphate. This is used at the Ray Waterman, Meadows, and Bell Mountain Ranch Water Treatment Plants.

Treatment Technology's proven track-record of emergency support and quick delivery ensures that we can continue to provide safe, reliable water service to our residents without interruption.

### **Budget Impact**

Staff is asking for additional funding in 2026 in the amount of \$750,000. Staff purchased \$661,000 worth of water treatment chemicals in 2025, from Treatment Technology, which supplied six of the Town's treatment facilities. The treatment team has been sending water for distribution with higher chlorine residuals, increasing chemical usage and cost. It is anticipated that total water treatment chemical costs will increase in 2026 due to tariffs and manufacturing cost increases, as well as increasing water demands caused by growth. In 2025, Treatment Technology had a 0.5% price increase on Hydrogen Peroxide (H<sub>2</sub>O<sub>2</sub>) chemical. Treatment Technology did not increase its other rates in 2026.

Funds will be taken from various Water and Water Resources Plant Operations Chemicals & Fertilizer funds, as follows:

<b>Fund Name</b>	<b>Account Number</b>	<b>2026 Account Balance</b>
Water Plant Operations	210-4260-442.61-26	\$420,000
Water Resources Plant Operations	211-4360-443.61-26	\$470,000
Total		\$890,000

### **Staff Recommendation**

Staff recommends an acquisition and services agreement with Treatment Technology for a not-to-exceed agreement of \$750,000 to provide water treatment chemicals.

### **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:	Contract