



Castle Rock Water Commission Meeting Minutes - Draft

Todd Warnke, Chair
John Wright, Vice Chair
Kathryn Gienger
Ben Johnson
Bill Leung
Katherine Redmond

Wednesday, April 27, 2022

6:00 PM

Castle Rock Water
175 Kellogg Ct., Bldg. 183
Castle Rock, CO 80109

This meeting is open to the public and will be held in a virtual format in accordance with Town Council Meeting Special Procedures During Declared Disasters. This meeting can be accessed online at: <https://crgov.webex.com/crgov/j.php?>

MTID=m2c2873a5eff579f6b0a33643b5d386 the meeting password is: UbHpS3nNh37 (82477366 from video systems) or phone in by calling (720) 650-7664, meeting code 24979761327##. Three or more Council members may also attend this meeting, during which the items listed herein will be discussed.

CALL TO ORDER / ROLL CALL

- Present** 5 - Chair Todd Warnke, Commissioner Bill Leung, Commissioner Katherine Redmond, Commissioner Kathryn Gienger, and Vice Chair John Wright
- Not Present** 1 - Commissioner Wyn Barrett
- Attendance** 8 - Caryn Johnson, Mark Marlowe, Tim Friday, Matt Benak, Roy Gallea, John Chrestensen, Paul Rementer, and MaryJo Woodrick

COUNCIL UPDATE

Time was allowed for Council Member Johnson to share an update on Town Council items.

COMMISSION COMMENTS

Time was allowed for Commissioner Comments.

ADMINISTRATIVE BUSINESS

[WC 2022-020](#)

Approval of the March 23, 2022 Meeting Minutes Town Council Agenda Date: NA

It was moved by John Wright and seconded by Bill Leung to approve the meeting minutes for the March 23, 2022 meeting as written. The motion passed unanimously 5-0.

- Yes:** 5 - Chair Warnke, Commissioner Leung, Commissioner Redmond, Commissioner Gienger, and Vice Chair Wright
- Not Present:** 1 - Commissioner Barrett

ACTION ITEMS (HIGH PRIORITY / TIME CRITICAL)[WC 2022-021](#)

Resolution Approving Funding for the Town's Purchase of 2022 option shares in the Chatfield Reservoir Reallocation Project *[Chatfield Reservoir in Douglas and Jefferson County]*
Town Council Agenda Date: May 3, 2022

Mr. Benak explained that this is a continuation of the towns participation in Chatfield Reservoir. Castle Rock Water (CRW) has an agreement with the Colorado Water Conservation Board (CWCB) to purchase shares over time. CRW would like to purchase 129 acre feet (AF) of storage this year. The cost to purchase the 129 AF of storage is \$1,070,825.13.

CRW currently has approximately 1,550 AF of water stored with the ability to store additional water (up to 2,000 AF) under a storage lease agreement that we have in place with the CWCB.

Bill Leung moved to recommend Town Council approval of the Resolution as presented. Kathryn Gienger seconded the motion. Passed unanimously 5-0.

Yes: 5 - Chair Warnke, Commissioner Leung, Commissioner Redmond, Commissioner Gienger, and Vice Chair Wright

Not Present: 1 - Commissioner Barrett

[WC 2022-022](#)

Resolution Approving a Construction Contract between the Town of Castle Rock and Garney Companies, Inc. to construct the Parker Midsection Pipeline *[Intersection of Heirloom Pkwy and Hess Road in Parker, CO]*
Town Council Agenda Date: May 17, 2022

Mr. Schwarz shared that this is for a construction contract to build the Parker Midsection Pipeline. This pipeline will travel from the Parker Water treatment facility down to a pump station in Canyons. The pipeline will consist of 2.3 miles of 42-inch pipe that is welded steel.

As part of this project two additional vertical pumps will be added to the Canyons pump station. This will allow an increase in capacity at that pump station from 3 million gallons per day (MGD) to 8.8 MGD.

Garney Companies was the selected contractor. The approved bid cost is \$10,312,868 plus a 3% contingency so the total requested authorization is \$10,622,254. Garney will begin work upon execution of the agreement, and the work is scheduled to be completed 450 days from the Notice to Proceed date.

Commissioner Warnke asked if the 3% contingency was less than is usually requested? Mr. Schwarz answered yes, but the need for contingency on this pipeline project is less than a project like a treatment plant.

Commissioner Warnke asked if this project is being funded by the \$30M bond funds? Mr. Schwarz answered yes.

John Wright moved to recommend Town Council approval of the Resolution as presented. Kathryn Gienger seconded the motion. Passed unanimously 5-0.

[WC 2022-023](#)

Resolution Approving a Services Agreement between the Town of Castle Rock and Burns & McDonnell Engineering Co. to complete Construction Phase Engineering Services for the Parker Midsection Pipeline Project *[Intersection of Heirloom Pkwy and Hess Road in Parker, CO]*
Town Council Agenda Date: May 17, 2022

Mr. Schwarz explained that Burns & McDonnell were the engineers for the design of the Parker Midsection Pipeline. This agreement is to request additional engineering services during the construction phase of the project.

This was done as a Sole Source agreement. The cost for these services will be \$328,859. Costs are within the overall budget for this project.

Commissioner Gienger asked if Burns & McDonnell is quick with responses and submittals? Mr. Schwarz explained that they have been very quick and easy to work with so far.

Kathryn Gienger moved to recommend Town Council approval of the Resolution as presented. Katherine Redmond seconded the motion. Passed unanimously 5-0.

Yes: 5 - Chair Warnke, Commissioner Leung, Commissioner Redmond, Commissioner Gienger, and Vice Chair Wright

Not Present: 1 - Commissioner Barrett

[WC 2022-024](#)

Resolution Approving a Sole Source Services Agreement with DRC Construction, Inc. for the Castle Rock Water Acoustic Sewer Line Assessment Program *[Entire Service Area for Castle Rock Water]*
Town Council Agenda Date: May 3, 2022

Mr. Marlowe introduced John Chrestensen, Field Services Superintendent.

Mr. Chrestensen explained that the Field Service's Collection team is responsible for inspecting and maintaining about 309 miles of sewer pipes and 10,351 manholes. CRW has a yearly goal to clean 103 miles of pipe as well as inspect 62 miles of pipe with the closed circuit television (CCTV). The

last few years these goals have been difficult to meet due to COVID and staffing shortages and CRW has fallen behind.

DRC Construction offers condition based acoustic sewer line assessment technology. This is a relatively new technology that allows a rapid and accurate assessment of the main system by sending soundwaves from one manhole to another manhole.

DRC provided CRW with a pilot test of the services. During the pilot 4,671 linear feet of collection line was inspected in roughly 1.5 hours. Staff is requesting that the entire system be assessed in 2022. DRC will also physically check all manholes and covers at the same time as the assessments.

The total cost is \$354,120 with a planned completion by December 31, 2022. This is a sole source contract as DRC is the only contractor working with the RH Borden technology.

Commission Gienger asked if this technology would replace the CCTV or would staff still utilize this process as well. Mr. Chrestensen explained that CCTV technology would still be utilized by staff. This will just be an additional service.

Commission Gienger asked if once CRW starts receiving the data will CRW be able to troubleshoot areas that will need additional attention or that have issues? Mr. Chrestensen answered yes.

Kathryn Gienger moved to recommend Town Council approval of the Resolution as presented. John Wright seconded the motion. Passed unanimously 5-0.

Yes: 5 - Chair Warnke, Commissioner Leung, Commissioner Redmond, Commissioner Gienger, and Vice Chair Wright

Not Present: 1 - Commissioner Barrett

[WC 2022-025](#)

Resolution Approving Changes to the Source Water Protection Plan *[Entire Service Area]* **Town Council Agenda Date:** May 3, 2022

Mr. Friday explained what the Source Water Protection plan is and then shared the changes that are being made.

The key changes include:

- Expanded source water protection area to include the West Plum Creek watershed, the remaining part of the East Plum Creek watershed down to the confluence with West Plum Creek, and the main stem of Plum Creek to the Plum Creek Diversion at Rio Grande Avenue in Sedalia;
- Included source waters added since 2017 (surface diversion in

Sedalia, one alluvial well and 7 Denver Basin wells);

- Evaluated potential contaminant sources, issues of concern and best practices for the expanded source water protection area, and adjusted accordingly; and
- Revised text, figures and references to reflect the above changes.

Katherine Redmond moved to recommend Town Council approval of the Resolution as presented. Bill Leung seconded the motion. Passed unanimously 5-0.

Yes: 5 - Chair Warnke, Commissioner Leung, Commissioner Redmond, Commissioner Gienger, and Vice Chair Wright

Not Present: 1 - Commissioner Barrett

[WC 2022-026](#)

Resolution Approving the Intergovernmental Agreement with Pinery Water and Wastewater District for Water Delivery

[Water system interconnection near Mentha Drive and Carefree Trail in the Cobblestone Ranch subdivision]

Town Council Agenda Date: May 17, 2022

Mr. Benak explained that Water Commission saw and voted on this item at the March 2022 meeting but since that time staff realized that an important part of the agreement had been left out and staff would like to get approval for the additional items.

The items that were left out involved the Capital Buy-In. As was reported previously the initial rate for 0 to 250,000 gallons per day is \$1.20 per thousand gallons but the additional item is that CRW has a one-time capital buy-in fee of \$658,000. The purpose of this fee is to guarantee capacity in Pinery's water system. Mr. Benak explained that the fee is still a very good rate for water.

Mr. Benak also mentioned that CRW has hired Burns & McDonnell to do a water mixing study of the water coming from this system.

Commissioner Leung asked what "aesthetic" means when related to water? Mr. Benak answered that it relates to taste and odor of the water.

John Wright moved to recommend Town Council approval of the Resolution as presented. Katherine Redmond seconded the motion. Passed 4-0-1, Kathryn Gienger abstained.

Yes: 4 - Chair Warnke, Commissioner Leung, Commissioner Redmond, and Vice Chair Wright

Not Present: 1 - Commissioner Barrett

Abstain: 1 - Commissioner Gienger

[WC 2022-027](#)

Update to Water Commission Bylaws

Town Council Agenda Date: February 1, 2022

Mr. Marlowe reported that the Town Council recently updated the code related to boards and commission. Mr. Marlowe explained that there are a couple of items that affect the Water Commission.

- Each commission member is being asked to fill out an oath of office. Ms. Woodrick has handed those out to commission members that are in-person.
- Changes are being made to clean up language in the by-laws.

Mr. Marlowe also shared that he is still working with the town to get clarification on some of the bylaw items that have been suggested that pertain to the hearing procedures that are mentioned. These items are more specific to Quasi-Judicial items which the Water Commission doesn't do. Mr. Marlowe explained that he is hesitant to have items in the by-laws that don't pertain to the business of the Water Commission specifically.

Commissioner Warnke asked about the option to offer an affirmation rather than an oath of office? Mr. Marlowe will follow-up on this question with the Town's Attorney.

Todd Warnke moved to table this item until the May 25, 2022 Water Commission meeting. John Wright seconded the motion. Passed unanimously 5-0.

Yes: 5 - Chair Warnke, Commissioner Leung, Commissioner Redmond, Commissioner Gienger, and Vice Chair Wright

Not Present: 1 - Commissioner Barrett

DIRECTOR FOLLOW-UP AND INFORMATIONAL / UPDATE ITEMS[WC 2022-028](#)**Resolution Approving Additional Funds and a Reallocation of Authorized Funds for the Parkview Tributary and Fifth Street Trail Drainage Improvements Project [923-941**

Oakwood Dr. and 924-938 Oakwood Ct.]

Town Council Agenda Date: April 19, 2022

Mr. Marlowe explained that this is an informational item only. This item was presented at the April 19, 2022 Town Council meeting.

[WC 2022-029](#)**Resolution Approving the Second Amendment to the Town of Castle Rock Service Agreement with W. W. Wheeler & Associates, Inc., for the Castle Rock Reservoir No. 2 Project [5219 Rio Grande Ave. Sedalia, CO 80135]**

Town Council Agenda Date: April 19, 2022

Mr. Marlowe explained that this is an informational item only. This item was presented at the April 19, 2022 Town Council meeting.

[WC 2022-030](#)**2022 ColoradoScape Contest****Town Council Agenda Date: NA**

Mr. Marlowe shared that the 2022 ColoradoScape contest is underway. CRW is currently accepting video applications. Once the deadline date has passed Sandi Aguilar, the Outreach and Marketing Manager will be reaching out to all Water Commission board members to judge the videos and come up with the final 5

[WC 2022-031](#)**2022 Rates & Fees Study Deliverables****Town Council Agenda Date: NA**

Mr. Rementer explained that this item contains 2021 preliminary fund balances, 2023 business case summaries, and capital implementation plans by enterprise fund.

The 2023 Business Cases are:

- 1 Full time Stormwater Inspector (TESC)
- 1 Full time Water Efficiency Technician
- 1 Full time SCADA Instrumentation Technician

The CIP projects by Enterprise Fund

For the Water Fund, the highest priority capital projects for 2023 include:

- Investments in Bell Mountain Ranch water system including re-drilling of a well, upgrades to the treatment plant, a raw water pipeline to better use existing wells CRW owns in the area.
- Investments in new deep groundwater wells and rehab of existing wells
- Targeted rehabilitation and replacement of aging water mains with Prestwick Way being the focus.
- Construction of a new drainage path for the maintenance of Tanks 17
- Demolition of our existing Tank 6B
- Continued implementation of the Supervisory Control and Data Acquisition (SCADA) system master plan with specific projects to ensure all systems are up to date and able to continue to manage our increased infrastructure and needs

For the Water Resources Fund, the highest priority capital projects for 2023 include:

- Investments in additional storage including finalization of design and commencement of construction for Castle Rock Reservoir Number 2 project and additional Chatfield Reservoir storage purchases
- Commencement of construction of the Plum Creek to Rueter Hess Reservoir pipeline which will allow reusable water to be moved from the Plum Creek basin into Rueter Hess Reservoir
- Continued implementation of the WISE project with commencement of

construction of the Parker Mid-Section Pipeline

- Purchase of additional key water rights in the Plum Creek Basin, Cherry Creek Basin and for the Box Elder project

For the Stormwater Fund, the focus for capital investment in 2023 will be:

- Construction of McMurdo Gulch Priority 3 Improvements
- Construction of Gambel Ridge Tributary Improvements in conjunction with the Crystal Valley Interchange Project
- Rehabilitation of Storm Sewer in advance of street rehabilitation efforts
- Updating Drainageway Master Plans

For the Wastewater fund, the focus will continue to be rehabilitation and replacement of wastewater collection infrastructure and existing assets operated by Plum Creek Water Reclamation Authority.

[WC 2022-032](#)

Upcoming Town Council Items

Town Council Agenda Date: NA

This is a standing item that will be used to share information about projects that are being worked on at the time of the meeting but that staff doesn't have information ready yet.

There are no items at this time.

COMMISSIONER MEETING COMMENTS