



Castle Rock Water Commission Meeting Minutes

Todd Warnke, Chair
Amy Blackwell, Vice Chair
Ernie Foerster
Clark Hammelman
Caryn Johnson
Don Trujillo
Katherine Redmond

Wednesday, November 28, 2018

6:00 PM

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

This meeting is open to the public. 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 6 - Caryn Johnson, Clark Hammelman, Ernie Foerster, Chair Todd Warnke, Vice Chair Amy Blackwell, and Don Trujillo
Attendance 5 - James Townsend, Mark Marlowe, Tim Friday, Carolyn Richards, and Walt Schwarz

COUNCIL UPDATE

Councilmember Townsend updated the commission on recent Council action, including first reading of a panhandling ordinance, which is focused on aggressive solicitation activities, first reading of the water budget allocation ordinance, and resolutions approving the Metzler Park sports turf project, and escrow agreement with Plum Creek Water Reclamation Authority (PCWRA). In addition, the Mayor was presented with the 2018 EDIE Award (Large Community of the Year) by the Economic Development Council of Colorado.

COMMISSION COMMENTS

Vice Chair Blackwell thanked the Castle Rock Water staff for everything they do, and specifically mentioned the recent email blast regarding conservation messaging. Commissioner Trujillo asked about the booth at Starlighting, and Commissioner Hammelman commented about the deck of playing cards with conservation tips. Staff will bring to the next meeting. Chair Warnke mentioned seeing on a water tank in Chaparral, NM "2003 Best Tasting Water in New Mexico."

ADMINISTRATIVE BUSINESS

[WC 2018-122](#) Approval of the October Meeting Minutes

It was moved by Commissioner Blackwell, seconded by Commissioner Hammelman to approve the October Meeting Minutes with these corrections - 1) typo on page 1 under item WC 2018-109; and on page 2 under Commission Comments, the first paragraph references in two places Commissioner Johnson, when it was Commissioner Redmond. The motion passed by the following vote:

Yes: 6 - Johnson, Hammelman, Foerster, Chair Warnke, Blackwell, and Trujillo

[WC 2018-123](#) December Meeting Date Discussion

After receiving comments from Mr. Marlowe, it was determined that at this time, a

meeting during the month of December was not needed. Staff will keep commission apprised if a special meeting is needed. The next regular commission meeting is January 23, 2019.

[WC 2018-120](#)

Vacancy on Castle Rock Water Commission

Applications for the vacancy will be accepted through the month of November. Three applications have been received through this date, and interviews tentatively scheduled for Dec. 11.

[WC 2018-121](#)

Castle Rock Water Commission Appreciation Dinner

The commission decided to hold the Appreciation Dinner on February 1. Now that the date has been selected, plans will be finalized with Red Hawk Grill. More information to follow.

[WC 2018-124](#)

Castle Rock Water Commission Lobby Sign

Staff presented the commission with a draft / mock up of the information sign board to be placed in the lobby at Castle Rock Water. The commission thought it was a great idea, and felt that the level of information was sufficient. Staff will move forward on preparing the display.

ACTION ITEMS (HIGH PRIORITY / TIME CRITICAL)[WC 2018-128](#)Plum Creek Water Reclamation Authority Cost Sharing Agreement
Town Council Agenda Date: Dec. 18, 2018

Mr. Marlowe provided an overview of the capacity expansion agreement for the design and construction of the expansion of the Plum Creek Water Reclamation Authority (PCWRA) treatment plant. This project is a joint project with PCWRA, Castle Pines Metropolitan District, and Castle Pines North Metropolitan District. The governing documents of PCWRA require execution of an expansion agreement when additional capacity is needed at the wastewater treatment plant. This agreement lays out what each entity is paying for and also includes replacing and improving some of the existing facilities. Castle Rock Water staff included the cost of the replacements and improvements into the rate models and there was no movement in the wastewater rates. Costs are within budget and actually lower than initially expected. Existing water customers are only being affected by the costs associated with replacements and improvements, while the actual expansion costs will fall under system development fees. Completion of the expansion is timely with meeting the Town's objectives.

It was moved by Commissioner Blackwell, seconded by Commissioner Foerster to recommend the Plum Creek Water Reclamation Authority Cost Sharing Agreement (Expansion Agreement) be approved by Town Council. The motion passed by the following vote:

Yes: 6 - Johnson, Hammelman, Foerster, Chair Warnke, Blackwell, and Trujillo

[WC 2018-130](#)Plum Creek Water Purification Facility Advanced Treatment Construction
Work Package #1
Town Council Agenda Date: Dec. 18, 2018

Mr. Schwarz, project manager for the Plum Creek Water Purification Facility (PCWPF) Advanced Treatment Construction Work Package #1 gave an overview of the project. The project is "leading edge" in the multi level approach to treatment. This project consists of treating collected renewable and reusable water sources from East Plum Creek. Castle Rock Water is planning to pump surface water from the Town-owned Plum Creek Reservoir in Sedalia to the PCWPF. Work Package #2 will be brought back to commission earlier next year, and then on to Council for approval.

It was moved by Commissioner Hammelman, seconded by Commissioner Foerster to recommend to Town Council approval of the Plum Creek Water Purification Facility Advanced Treatment Construction Work Package #1. The motion passed by the following vote:

Yes: 5 - Johnson, Hammelman, Foerster, Chair Warnke, and Blackwell

Abstain: 1 - Trujillo

[WC 2018-129](#)

Plum Creek Water Purification Facility Advanced Treatment Engineering Services

Town Council Agenda Date: Dec. 18, 2018

Mr. Schwarz presented this item to the commission. The agreement, which was awarded to Burns & McDonnell Engineering Co., Inc. (Burns & Mc) covers the engineering services during construction and startup of the project. As the design engineer, they have direct knowledge and experience with the specialized design for this project. In addition, Burns & Mc were involved with the original design and construction of PCWPF.

It was moved by Commissioner Blackwell, seconded by Commissioner Foerster to recommend Town Council approval of the PCWPF Advanced Treatment Engineering Services Agreement. The motion passed by the following vote:

Yes: 5 - Johnson, Hammelman, Foerster, Chair Warnke, and Blackwell

Abstain: 1 - Trujillo

[WC 2018-131](#)

Graywater Ordinance

Town Council Agenda Date: Dec. 18, 2018

Mr. Marlowe presented the proposed graywater ordinance to commission. This ordinance puts in place the minimum requirements to allow graywater systems in Castle Rock. Sources of graywater include discharges from bathroom and laundry room sinks, bathtubs, showers and laundry machines and have the potential to reduce indoor water consumption by 20%. Castle Rock's ordinance was reviewed with the Water Quality Control Division and meets the minimum requirements of Control Regulation 86. The ordinance includes language specifying that Castle Rock Water is the oversight body for these types of systems, and would be responsible for approval of all systems. Mr. Marlowe responded to a question by Commissioner Hammelman, that there is interest by the development community since it potentially could include a reduction in system development fees. Also, Commissioner Johnson Asked if Homeowner Associations (HOAs) have to approve. Mr. Marlowe responded no, that a graywater system is similar to an appliance inside a house; however, it will require maintenance, such as filling up

the disinfectant.

It was moved by Commissioner Trujillo, seconded by Commissioner Blackwell to recommend Town Council approval of the graywater ordinance as presented. The motion passed by the following vote:

Yes: 6 - Johnson, Hammelman, Foerster, Chair Warnke, Blackwell, and Trujillo

DIRECTOR FOLLOW-UP AND INFORMATIONAL / UPDATE ITEMS

[WC 2018-125](#) Rates & Fees - YTD Actuals vs. Budget; YTD Estimates; and Update on Irrigated Area Project

Mr. Marlowe provided an update to the commission on steps being taken in preparing the 2019 Rates & Fees Study. Overall revenues are exceeding budgeted amounts, which is driven by both increased water use and higher than budgeted growth. There was also discussion about the staffing challenges facing Castle Rock Water. Mr. Marlowe responded to Vice Chair Blackwell's question about contributions/donations and how those are received. Mr. Marlowe updated the commission regarding the progress of the irrigated area project. The flyover was completed in October.

[WC 2018-127](#) Results of RV Dump Station Survey
Town Council Agenda Date: Dec. 18, 2018

Mr. Marlowe updated the commission on the results of the recreational vehicle (RV) dump station survey. The goal of the survey was to determine if there was adequate interest from RV users in paying the fees necessary to provide this service. Of the 424 responses, only 67% had strong interest, but only 69% of those interested were willing to pay the amount needed to fund the dump station. After a brief discussion, the commission made a motion to recommend no further action be taken on the dump station project.

It was moved by Commissioner Hammelman, seconded by Commissioner Blackwell to recommend Town Council not proceed with any more support or additional discussions on a dump station.

Yes: 6 - Johnson, Hammelman, Foerster, Chair Warnke, Blackwell, and Trujillo

[WC 2018-126](#) Results of Starlighting Outreach

Mr. Marlowe updated the commission on the results of having a booth at the Starlighting. Overall, it was a successful event. Commissioner Hammelman suggested participating in more spring and summer events.

COMMISSIONER MEETING COMMENTS

Commissioner Trujillo expressed appreciation to Castle Rock Water for everything they do in trying to educate the public about water - "outstanding job."
Commissioner Hammelman again thanked Commissioner Johnson for serving on the commission and congratulated her on being elected to Town Council.
Commissioner Johnson commented on the poop fairy video.