

PLUM CREEK WATER RECLAMATION AUTHORITY
4255 N. US Hwy 85, Castle Rock, CO 80108
REGULAR MEETING MINUTES
Held in person and GoToMeeting
October 25, 2023

CALL TO ORDER:

7:30 a.m.

ATTENDEES:

Mark Marlowe, Joshua Shackelford and Nathan Travis, Board Members; David Van Dellen, Evan Person, Alternate Board Members; Wes Martin, Authority Manager; Kirby Clark, Assistant Authority Manager; Lissa Oelkers, Director of Administrative Services; Patou Griggs, Industrial Pretreatment Manager; Alyse Billick, Administrative Assistant; Darryl Farrington, Semple, Farrington, Everall & Case, PC; Cassie Vetter, Castle Pines Metropolitan District Board Member

ANNOUNCEMENT OF QUORUM:

Quorum present.

APPROVAL OF AGENDA:

Dir. Marlowe moved to approve the agenda. Dir. Travis seconded the motion. The motion was unanimously approved.

PUBLIC COMMENT ON PCWRA REGULAR BOARD MEETING:

Attendees: None

ACTION ITEMS:

MINUTES OF SEPTEMBER 27, 2023 REGULAR BOARD MEETING; MINUTES OF OCTOBER 10, 2023 SPECIAL BOARD MEETING:

Dir. Marlowe moved to approve the minutes of the September 27, 2023 regular board meeting and the minutes of the October 10, 2023 special board meeting. Dir. Travis seconded the motion. The motion was unanimously approved.

PAYABLES FOR THE PERIOD ENDING SEPTEMBER 30, 2023:

Mr. Martin highlighted payment for confined space winch equipment of \$4,686.00 to Alliance Safety, \$30,713.64 to Carollo for the utility plan update, \$15,608.39 for the emergency generator repair issues discussed at the previous board meeting to Cummins, alum chemical feed pump and tubing for \$12,767.34 to Goble Sampson Associates, \$9,850.00 to Industrial Service Solution for the worm drive clarifier repair, as well as \$9,596.18 for a portable sampler and probes for the sampling program to Teledyne Isco. Mr. Martin requested approval of payment for the PCWRA September 2023 payables of \$435,047.73. He also mentioned the \$679.00 expenditure for the 3.0 Capacity Expansion Project to Browns Hill to program the replacement TWAS pumps that weren't working properly, for a grand total of \$435,726.73. Dir. Marlowe moved to approve the September 2023 payables as described by Mr. Martin. Dir. Travis seconded the motion. The motion was unanimously approved.

VARIANCE APPLICATION – ALICE + KATE BAKERY:

A grease interceptor variance was requested by the owner of Alice + Kate Bakery, who is planning on opening a bakery in Castle Pines North Metropolitan District producing macarons. The bakery data was entered into PCWRA's cost benefit analysis model which concluded denial of the variance. Dir. Travis moved to deny the grease interceptor variance as described. Dir. Marlowe seconded the motion. The motion was unanimously carried.

OTHER ACTION ITEMS:

None.

DISCUSSION ITEMS:

REGIONAL WASTEWATER/WATER PLAN UPDATE:

Carollo is under contract with Castle Rock Water and is working on the preliminary engineering for the Chatfield Basin Water Reclamation facility. A Construction Management at Risk (CMAR) contract will be awarded once Carollo has reached the thirty percent design mark. There has been a lot of ongoing work with Denver Water for approval of easements associated with the project. Dir. Marlowe informed the board that Merrick has been awarded the design of the lift station in Louviers and the force main to Dominion's lift station. Once the design has reached thirty percent, there will be discussion with Dominion regarding PCWRA participating in the design of the facility.

DIRECT POTABLE REUSE:

Staff and Castle Rock Water are still waiting to hear from the Division regarding the sampling plan. Once received Castle Rock Water will finalize cost with PCWRA and determine how to move forward. Ideally, the plan will be received by December, so sampling can begin in January.

REUSE RESERVOIR REHAB PROJECT UPDATE:

Staff won't know until November if any funds will be received from the State Revolving Fund (SRF) loan. Apparently, funds have been significantly cut for water and wastewater for 2024 and likely for subsequent years as well.

INDUSTRIAL PRETREATMENT RULES AND REGULATIONS UPDATE:

An updated version of the Rules and Regulations will be sent out to the board which will include updated language, the addition of a permit and category section, as well as the removal of the local limits section as requested by the board at the previous meeting. Dir. Marlowe informed the board that the Town is under contract with Burns & McDonnell to evaluate their solids handling for their groundwater treatment plants. Mr. Martin stated the Utility Plan Update being created by Carollo will include manganese treatment at PCWRA, even though the Division has said that it cannot be used. Upon inquiry about why the Division would not allow removal of manganese, Mr. Martin explained that treatment would not remove manganese, but convert it from dissolved to total. The Division is concerned that it could possibly revert back to its original state. The Division has told PCWRA that manganese needs to be handled through the industrial pretreatment program. In order to treat on site, reverse osmosis (RO) or some other membrane reactors would be needed.

INDUSTRIAL PRETREATMENT NONCOMPLIANT BUSINESS UPDATE:

The Rules and Regulations state that a permit expires if a business changes their name or operation. However, this does not appear on the physical permit. Staff has updated the permit for businesses in categories two, three, five and six to include an issue date with a clearer explanation regarding compliance. Staff confirm these permits are visible in the businesses during their best management practice inspections. If the permit is not visible, a new one is being reissued.

DRAFT 2024 BUDGET:

Staff submitted an updated draft of the 2024 Budget that included two options. The first option per the board's direction, reduces the amount funded through 2024 member rates by four hundred thousand dollars and appropriates those funds from the general reserves. The second option would only pull two hundred thousand dollars from the reserves which staff believes better reflects the requirements. Discussion ensued regarding the flow data and issues with the measurements for the Castle Pines Combined data as well as the Silver Heights data. Mr. Martin suggested utilizing the 2021 flow data for the 2024 budget while the Castle Pines North Metro District and Castle Pines Metro District work toward a solution. Based on PCWRA's recommendations, the board determined that the 2021 flow data should be used until the flume issues can be resolved and that staff should fund the two hundred thousand dollars from reserves in the 2024 budget. Both Dir. Shackelford and Dir. Travis committed to resolving the flow issues. Additionally, the board directed Mr. Martin to inquire about the large decrease in water usage for Silver Heights and to request the State approved meter testing. Ms. Oelkers informed the board the public notice for the budget hearing has been posted for November's meeting.

MANAGEMENT REPORT:

Plant Updates

Moltz completed the repair on the Therm deck and installed the TWAS pumps. Staff is working with the TWAS vendor and Moltz due to some issues with installation, but there has been progress.

The emergency generators have been repaired and another load testing is scheduled for November.

Staff received several calls from several golf courses recently regarding the water augmentation forms. Mr. Martin emphasized that PCWRA does not set any reuse numbers, but simply inputs the information. Dir. Marlowe stated any requests regarding reuse numbers from the golf courses should go directly to the members and then the members will work together to resolve any issues. Mr. Martin reminded the board of operational issues with pond 6a which provides water to the Ridge and the Country Club golf courses. Staff sends the combined allotted amount to this pond but has no control of pumping out of the pond.

CDPHE Update

The Chatfield Watershed Authority (CWA) TAC's plans to recommend hiring Jimmie McCutchin, CSU, to their board. The cost will be approximately \$53,300 to work on the site-specific standards for the Chatfield Reservoir. If approved, the TAC hopes the work can begin this year, to get a better understanding on how to approach the Division before the regulations take effect.

Mr. Martin was informed by some members of the Colorado Wastewater Utility Council (CWWUC) that the total available funds for the entire state for the 2024 SRF program will only include \$500,000 for the Clean Water and \$650,000 for the Drinking Water funding which is an approximate 98% decrease from past years.

The Colorado Department of Public Health & Environment (CDPHE) has also changed direction on the fee rulemaking process this year and is only planning on focusing on the water and commercial industry. Nathan from the Division has stated they are at a fiscal cliff and will be out of money for water services. This could potentially affect their evaluations of the direct potable reuse (DPR) programs.


The CDPHE also told the CWWUC that emailed applications requesting approval of the use of new chemicals will take at least six months to review but could be longer. Approval could possibly change permits based on the chemicals being used and cause problems if there are supply chain issues with chemicals.

OTHER DISCUSSION ITEMS:

Dir. Shackelford then asked if there are no available SRF funds available, how would the reuse reservoir project be funded. There was then discussion that the members would either have to pay for it or possibly be funded by a revenue bond, which might not work due to interest rates.

ADJOURNMENT

There being no further business to come before the board, Dir. Shackelford declared the meeting adjourned at 8:36 a.m.



Joshua Shackelford, President