

PLUM CREEK WATER RECLAMATION AUTHORITY
4255 N. US Hwy 85, Castle Rock, CO 80108
REGULAR MEETING MINUTES
Held in person and GoToMeeting
March 27, 2024

CALL TO ORDER:

7:30 a.m.

ATTENDEES:

Mark Marlowe, Nathan Travis and Joshua Shackelford 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:

The Public Comment was open at 7:31 a.m.

Attendees: Jim Walker, Pine Canyon; Juvencio Ramirez and Representatives of Michoacan A Pedir De Boca

Comments: The representatives of Michoacan A Pedir De Boca thanked the board for considering their variance request.

The Public Hearing was closed at 7:32 a.m.

ACTION ITEMS:

MINUTES OF FEBRUARY 28, 2024 REGULAR BOARD MEETING:

Dir. Marlowe moved to approve the minutes of the February 28, 2024 regular board meeting. Dir. Shackelford seconded the motion. The motion was unanimously approved.

PAYABLES FOR THE PERIOD ENDING FEBRUARY 29, 2024:

Mr. Martin highlighted the payment of \$2,028.00 to Browns Hill Engineering & Controls from the 3.0 Capacity Expansion and mentioned the flume modification that Carollo is working on should be the final piece of the project in order to close out the escrow. He also requested approval of payment for the PCWRA February 2024 payables totaling \$433,144.44. Dir. Shackelford moved to approve the total February 2024 payables as described by Mr. Martin. Dir. Marlowe seconded the motion. The motion was unanimously approved.

IP VARIANCE REQUEST FOR MICHOACAN A PEDIR DE BOCA:

A grease interceptor variance was requested by the owner of Michoacan A Pedir De Boca. Mr. Griggs presented the data from PCWRA's cost benefit analysis which determined that the variance should be denied. Following discussion regarding the amount of food preparation onsite and other clarifying questions, Dir. Marlowe shared with the owners the grant and loan programs available through Castle Rock Water that may help with costs associated with installing a grease interceptor. Dir. Marlowe moved to deny the grease interceptor variance based on the cost/benefit analysis and staff recommendation. Dir. Shackelford seconded the motion. The motion was unanimously carried. The owners of Michoacan A Pedir De Boca excused themselves from the meeting.

OTHER ACTION ITEMS:

None.

DISCUSSION ITEMS:

PCWRA 2023 ANNUAL REVIEW:

Mr. Clark utilized slides to present the plant's performance over the last year. He highlighted the increase of flows during the summer due to large rain events which also resulted in a decrease in reuse usage, the large grease event, and phosphorus allocation to Chatfield. Of particular interest were the slides providing possible regulations in the Preliminary Effluent Limits (PELs) such as chloride, manganese, zinc, and temperature. PCWRA had no permit exceedances in 2023. Upon brief discussion, the board requested the data be emailed to each of them.

Mr. Griggs gave a presentation on the 2023 Industrial Pretreatment program, which included the number of facilities monitored and provided data on the increased number of inspections completed compared to 2022. Mr. Martin expressed his appreciation of the program, which he attributes to the decrease in grease entering the facility and a positive impact on the plant.

REGIONAL WASTEWATER/WATER PLAN UPDATE:

Dir. Marlowe informed the board that the project has changed its cost structure, therefore amendments to the contract are being made between the County and Dominion primarily due to the cost of the Chatfield Basin Water Reclamation facility. These amendments need to be completed within the month due to the availability of the American Rescue Plan Act (ARPA) funds.

DIRECT POTABLE REUSE:

Mr. Clark met with Garney last week to discuss the installation of the electrical instrumentation in order to begin the sampling plan. There were no substantial comments made by the Colorado Department of Public Health & Environment's (CDPHE), therefore Castle Rock Water intends to update their Council about the project in May. The whole program is expected to cost \$400,000 plus, with an expected start date in June or July.

INDUSTRIAL PRETREATMENT RULES AND REGULATIONS UPDATE:

Staff asked the board if they had any additional questions or concerns regarding the updated rules and regulations. Dir. Travis and Dir. Marlowe both stated that they have no further comments. Dir. Shackelford stated that Castle Pines Metropolitan District should have their review completed in the next couple of weeks. Discussion ensued regarding possible changes or removal of the variance process.

REUSE RESERVOIR FUNDING UPDATE:

GEI has reevaluated the reuse reservoir project resulting in two available options: relining the reservoir or using a phased approach by putting in the piping structure with a stub out then applying the liner to avoid pulling back the liner at a later date. A quote should be available by the next board meeting. On a related note, Dir. Travis mentioned the Ridge Golf Course has requested to be notified of any increase in fees by November 1st of any given year.

MANAGEMENT REPORT:

Plant Updates

Staff remained on site during the snowstorm on March 14th and 15th.

The HVAC unit on the new headworks building caught fire during the snowstorm on March 14th. The cause is unclear but may have been due to a power surge that the plant experienced. Mr. Martin expressed appreciation to the operators onsite who identified the issue and quickly extinguished the fire before more damage was done. They also called the fire department who neutralized the threat and determined the building and facility were safe.

The Ditch 2 drum mixer lost seals on the gear box and was sent out for repair.

CDPHE Update

At the Division's roadmap meeting, it appears that the Division is beginning to understand the impacts the proposed nutrient and temperature standards will have on the public. Mr. Martin will continue to work with the feasibility workgroups to continue to put pressure on the Division.


Mr. Martin, Mr. Clark; John Rehring, Bryan Coday, Carollo; met with Emily Wong and Tyson Ingles, CDPHE; to discuss PCWRA becoming a direct potable reuse facility with zero discharge. By the end of the meeting, it was made clear that there would need to be additional discussion with the CDPHE's permitting section. Tyson Ingles stated that he did not believe that they would agree to a meeting due to lack of staff. He also expressed concern of having a closed loop system, which could potentially increase salinity.

OTHER DISCUSSION ITEMS:

None

ADJOURNMENT

There being no further business to come before the board, Dir. Travis declared the meeting adjourned at 8:41 a.m.



Nathan Travis, President