

PLUM CREEK WATER RECLAMATION AUTHORITY
4255 N. US Hwy 85, Castle Rock, CO 80108
REGULAR MEETING MINUTES
Held in person and GoToMeeting
January 24, 2024

CALL TO ORDER:

7:31 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; Bryan Coday, Senior Technologist and John Rehring, Project Manager, Carollo Engineers; Cassie Vetter, Castle Pines Metropolitan District Board Member; Alex Page, Client Team Leader, Kennedy Jenks Engineering

ANNOUNCEMENT OF QUORUM:

Quorum present.

APPROVAL OF AGENDA:

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

2023 UTILITY PLAN UPDATE MODIFICATION RESPONSE FROM CAROLLO:

Per board directions, Carollo provided an amendment to the original 2023 Utility Plan Update (UPU) to assess the possibility of a zero-discharge scenario. Mr. Martin began by reviewing the tasks associated with the additional work with an additional cost of \$22,254.00, totaling \$199,074.00 for the entire UPU. Although this additional work was not budgeted for, staff informed the board there are contingency funds available. There was then discussion regarding the cost effectiveness of zero-discharge, compared to the original UPU plans and that this could be an alternative way of meeting future regulations. Dir. Marlowe moved to proceed with the additional scope of the 2023 Utility Plan Update for \$22,254.00. Dir. Shackelford seconded the motion. The motion was unanimously approved.

Mr. Coday and Mr. Rehring excused themselves from the meeting at 7:56 a.m.

ACTION ITEMS:

MINUTES OF DECEMBER 20, 2023 REGULAR BOARD MEETING:

Dir. Marlowe moved to approve the minutes of the December 20, 2023 regular board meeting. Dir. Shackelford seconded the motion. The motion was unanimously approved.

PAYABLES FOR THE PERIOD ENDING DECEMBER 31, 2023 & JANUARY 31, 2024:

Mr. Martin reviewed the December payments of \$33,153.67 to Alfa Laval for the centrifuge 2 repair; \$10,609.20 to Carollo for the 2023 Utility Plan Update; \$44,998.00 to Mile High Garage Door Specialists for several heavy-duty garage door repairs, which was a safety concern; and the additional stairs and landings installation from Moltz for \$45,181.00. He also highlighted the January 2024 payment of \$6,324.70 to Revivify Restoration to convert the mail room into a new operations office space and SCADA room to create additional office space. Mr. Martin requested approval of payment for the PCWRA December 2023 and January 2024 payables of \$698,987.98. Dir. Marlowe moved to approve the December 2023 and January 2024 payables as described by Mr. Martin. Dir. Shackelford seconded the motion. The motion was unanimously approved.

OTHER ACTION ITEMS:

None.

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OTHER ACTION ITEMS:

None.

DISCUSSION ITEMS:

REGIONAL WASTEWATER/WATER PLAN UPDATE:

As mentioned in previous meetings, the costs for the regional plan are significantly higher than originally planned. Denver Water would also prefer the discharge go to Plum Creek rather than the South Platte. Castle Rock Water will be meeting with the County and Dominion to amend the agreements for a complete understanding of who will fund the additional costs. Dir. Marlowe informed the board that the Design Engineer contract for a new pump station will be awarded in February to determine pricing. Additionally, a contract for construction using a Guaranteed Maximum Price (GMP) will be awarded in April. In response to discussion regarding Louviers phosphorus allocation, Dir. Marlowe informed the board that it is likely Castle Rock Water would buy their allocation as part of providing service to Louviers.

DIRECT POTABLE REUSE:

Staff met with CDM Smith and Garney on site yesterday to go over the project which included reviewing the electrical requirements as well as the location of the sampling to figure out costs for Castle Rock Water. Dir. Marlowe stated there is a call scheduled tomorrow with Tyson Ingles at the Division, to discuss direct potable reuse (DPR) and to ask the Colorado Department of Public Health & Environment (CDPHE) for their approval of Castle Rock Water's proposed sampling plan. With this being a five-year effort, it would be imperative to get the project started.

INDUSTRIAL PRETREATMENT RULES AND REGULATIONS UPDATE:

Mr. Griggs went over comments provided by the board after reviewing the Rules and Regulations. Mr. Martin asked the members for updated service area maps, so he could provide the updated information to engineers and the Division for projects like the Utility Plan Update and viral study. There were some concerns regarding the definition of significant industrial user (SIU). Mr. Martin informed the board that PCWRA is not currently an approved program however, if DPR is implemented, PCWRA would have to become an enhanced approved program. Discussion continued and the board recommended that staff review the current fee structure and language surrounding enforcement authority. The Rules and Regulations are still being reviewed by the members.

HAZARDOUS HOUSEHOLD ROUND-UP REQUEST:

Douglas County is requesting that PCWRA enter into an agreement with other surrounding entities for funding the hazardous waste round up. PCWRA was originally the biggest contributor to the program in the past with a donation of thirty-three thousand dollars a year. Mr. Martin presented last year's numbers for the hazardous waste drop offs and curbside collections throughout the members' districts and asked the board if this is a program that they would like PCWRA to participate in or if they would consider participating through their individual districts. Discussion ensued resulting in board consensus that the best approach is to see how other surrounding facilities are participating and consider the program be funded through those with MS4 permits.

MANAGEMENT REPORT:

Plant Updates

Managers attended a one-day Foundations of Emotional Intelligence at Work training.

Mr. Martin is still waiting for the calibration records from Stan Walls, Dana Kepner for the Silver Heights well meters. He also stated that he has been in contact with Castle Rock Water, who has received one months' worth of new meter data and will be comparing that to their reported water use data.

There have been occasional odor complaints from neighbors that originate from the ATAD system. Operations is currently working on process changes in order to help with odor control. Staff is working on adding an extra biofilter after recommendations from TPS, which will provide additional treatment and redundancy when a filter needs to be taken offline for general maintenance.

There is currently only one centrifuge in operation while staff awaits the return of the rebuilt one with an estimated delivery in February.

Operations lost another Schneider VFD on the influent pumps, which had less than one hour of operation and was offline at the time. Staff will request a replacement at no cost to PCWRA. This is the fifth VFD to fail, which can result in arc flashes. PCWRA was made aware of other facilities that have had similar experiences with these particular VFDs.

A contractor is currently onsite to renovate the mailroom into the new operations office.

CDPHE Update

The Colorado Wastewater Utility Council (CWWUC) sent a letter to request that the Division begin time tracking efforts and provide stakeholders with an explanation as to why they are so far behind, how they plan to get ahead with permits and inspections, as well as how the new staffing hours will be allocated. The Division's response has not addressed the questions, therefore the information is still being requested. PCWRA will continue to participate in the fee setting stakeholders group and will continue to work with the CWWUC to get an explanation from the Division as to how they plan to use the requested additional funds.

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