

PLUM CREEK WATER RECLAMATION AUTHORITY
4255 N. US Hwy 85, Castle Rock, CO 80108
REGULAR MEETING MINUTES
Held Via Conference Phone
June 23, 2020

CALL TO ORDER:

7:31 a.m.

ATTENDEES:

Jim Worley, Mark Marlowe, and Burt Knight, Board Members; Dick Munday and Tim Friday, Alternate Board Members; Wes Martin, Authority Manager; Kirby Clark, Assistant Authority Manager; Lissa Oelkers, Director of Administrative Services; Natalie Hopkins, Administrative Assistant; Darryl Farrington, Semple, Farrington, Everall & Case, PC.

ANNOUNCEMENT OF QUORUM:

Mr. Knight informed Dir. Worley that the roles have changed for the Castle Pines Metro District members and he has recently been appointed Director for the PCWRA board and Mr. Munday has been assigned their Alternate Director.

Quorum present.

PUBLIC COMMENT:

None.

APPROVAL OF AGENDA:

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

ACTION ITEMS:

VARIANCE REQUEST FOR CRUMBL COOKIE:

PCWRA received a variance request from Crumbl Cookie located at 323 Metzler Dr., Suite 102, Castle Rock. Upon results from the cost benefit analysis model, staff recommends the board approve the variance for installment of a grease interceptor.

Dir. Knight inquired how this might impact the treatment costs and the Town of Castle Rock. Mr. Clark provided information on how the cost benefit model works and the results. After some discussion among the board, Dir. Marlowe noted that while this may not affect the Town directly, it could result in the town having an increased COD load which could increase the Town's rates.

Dir. Knight moved to approve the variance request for Crumbl Cookie. Dir. Marlowe seconded the motion. The motion was unanimously approved.

MINUTES OF MAY 26, 2020 REGULAR BOARD MEETING:

Dir. Marlowe moved to approve the minutes of the May 26, 2020 regular board meeting. Dir. Knight seconded the motion. The motion was unanimously approved.

PAYABLES FOR THE PERIOD ENDING MAY 31, 2020:

Mr. Martin noted one out of the ordinary expenditure which was for Huber Technology in the amount of \$6,373.18 for bar screen maintenance in the headworks building which will be relocated to the new headworks building. Dir. Knight moved to approve the May 31, 2020 PCWRA payables in the amount of \$242,548.56 and the 3.0 Capacity Expansion expenditures of \$2,382,738.00. Dir. Marlowe seconded the motion. The motion was unanimously approved.

OTHER ACTION ITEMS:

Mr. Martin announced that the Castle Pines Metro District provided a letter after their election which assigns Burt Knight as Director on the PCWRA board and Dick Munday as the Alternate and requested the board to consider reassigning the Vice-President officer role. Dir. Marlowe moved to appoint Dir. Knight as Vice-President of the PCWRA Board. Dir. Worley seconded the motion. The motion was unanimously approved.

DISCUSSION ITEMS:

3.0 EXPANSION PROJECT UPDATE:

Mr. Martin mentioned that the installation of the 48-inch influent line from the old headworks to the new headworks has been completed. The splitter box as well as piping for the new influent line is at 95 percent completion and the electrical panels in the lower level of the building are roughly 90 percent complete. The start-up commissioning of the new UV channel and the new headworks are currently being scheduled.

Mr. Martin noted that there have been issues with IREA regarding their requirements for the project and the generator. Staff has been in contact with their government liaison in order to coordinate a schedule for site visits and inspections.

Dir. Marlowe inquired as to whether the projected completion of the end of the year is still accurate and if the project will require additional funds. Mr. Martin responded that the project is still on schedule to be on time and within available funds.

MANAGEMENT REPORT:

CDPHE Update

Staff participated in the Regulation 38 rulemaking hearing on June 8, 2020 and expressed disappointment in the results. The commission did not provide any comments. Many utilities are performing a cost-benefit analysis and have determined the installation of chillers to meet the temperature requirements will prove to be very costly to install and maintain. Mr. Martin will be outsourcing an engineer to perform a cost-benefit analysis for PCWRA. Dir. Marlowe asked if there were adequate funds in the engineering budget to cover this cost. Mr. Martin feels confident that there will be enough funds as approximately \$36,000 was budgeted for a temperature study. Discussion ensued regarding whether the analysis would provide staff with additional information to present a convincing case as to why these temperature requirements are negatively impacting wastewater utilities or if the analysis is a requirement by the CDPHE. Mr. Martin confirmed that this would provide staff with additional information but will also support a request for a site-specific regulation.

Staff attended the kickoff meeting for the Regulation 22 (Site Location and Design Approval Regulations for Domestic Wastewater Treatment Works) stakeholder process on June 15, 2020 and are planning to participate in the policy implementation work groups.

The CWWUC is setting up a virtual meeting with Jim Grice concerning TENORM. Several groups have submitted comments on Part 20 of the proposed regulation. Mr. Martin stated that PCWRA and its members may have to register as licensed generators which would impact how the plant handles water plant residuals as well as the handling of solids, maintenance, and sampling. This will impact ditch cleaning activities and a third-party will have to be contracted for this process, which could prove to be costly to PCWRA. Upon request for clarification from the board, Mr. Martin stated the Town of Castle Rock and Castle Pines Metropolitan District currently have ground water treatment plants discharging to the facility. He suggested that members become familiar and understand the regulations for TENORM.

Mr. Martin communicated that manganese is anticipated on the next permit which is found in residuals from the water treatment plants. The CDPHE will not accept adding permanganate to treat for manganese.

Governor Polis will be signing a Statute which increases the fine for Clean Water Act violations from \$10,000 a day to \$54,833 a day to match EPA fines. He also signed a PFAS bill which addresses training and testing with firefighting foams as well as record keeping of the discharges. While this does not directly affect PCWRA, each district will be receiving a survey concerning any known processes containing PFAS. There is concern regarding carpet cleaning companies who may discharge into the sewer; however, they are not a registered industry.

Mr. Martin noted that in a previous meeting, Dir. Marlowe had requested clarification on increased biosolids removal from the plant and informed the board that this was due to the current operation of the digester. The lack of solids reduction has resulted in an increase of loads out of the facility. With the new commission of the ATAD, there should be a reduction in solids for roughly 3 months, which will allow PCWRA to stay within the 2020 budget for biosolids.

Reuse Reservoir

An agreement was signed with GEI Consultants to begin the design on the Reuse Reservoir Rehabilitation and New Pump Station project. A technical memorandum has been received and an alternatives analysis meeting is scheduled. GEI was able to provide a rough estimate for the entire project, including construction, which projected the cost to be approximately \$2.5 million. Staff analyzed potential impacts to the reuse rates with the project depreciating over a 30-year period. Discussion ensued among the board.

Dir. Marlowe inquired as to why some reuse customers may have a larger increase to which Mr. Clark responded this is based on the estimated usage seen in the reuse model. Mr. Martin feels confident that PCWRA has enough funds in capital reserves to handle this project internally and requested input from the board on direction as to how to proceed. The repayment for Ditch 3 will be finalized at the end of 2020 and the largest SRF loan will be paid off at the end of 2021 which will result in a decrease in member rates beginning 2022. Dir. Marlowe proposed starting the project in 2021 or 2022 in order to mitigate the rate increase to the golf courses. Dir. Knight agreed that starting the project in 2021 was the best option. Discussion ensued among the board.

Mr. Martin presented the question to the Board as to whether they would prefer PCWRA to fund the project internally or if it would be preferred to recover this cost through the reuse rates. Dir. Marlowe responded that it would be more beneficial to pass this cost onto the reuse customers. Discussion ensued regarding capital contributions through reuse rates. Dir. Knight suggested staff develop rates with a 5-year forecast to provide the golf courses an opportunity to budget appropriately. Staff will work with Carol Malesky, Principal of Financial Consulting Services with Stantec, on a ten to twenty-year payback through reuse rates.

COVID-19 UPDATE:

Staff has resumed normal schedules onsite, however, management is prepared to resume alternating shifts for operations and working remotely for admin staff if a risk were to arise. Mr. Martin stated that staff is anticipating holding the next PCWRA Regular Board Meeting onsite, however if any member does not feel comfortable at that time there will be a conference call-in option available.

PCWRA STANDARD FLUME DESIGN:

Mr. Martin stated that staff is currently waiting on a cost proposal for the standard flume designs which resemble Denver Metro's flume and sampling structure. The cost does not include the site work and to get an accurate RFP, the original drawings outlining the elevation must be located. Considering the design for Silver Heights and Castleton will be costly, Mr. Martin requested direction from the board and will continue to work on locating the drawings in order to get the completed quote.


Mr. Martin inquired about the progress on the new Silver Heights Agreement with the Town of Castle Rock. Dir. Marlowe stated the agreement is complete and will be brought to the Silver Heights Board as well as the Town Council by mid-July. Silver Heights has purchased more capacity from the Town and will be paying operational and maintenance fees for this capacity. Dir. Marlowe anticipates needing a Special Connectors Agreement Amendment in the future.

OTHER DISCUSSION ITEMS:

None.

ADJOURNMENT

There being no further business to come before the board, Dir. Worley declared the regular meeting adjourned at 8:18 a.m.



for Jim Worley, President