

PLUM CREEK WATER RECLAMATION AUTHORITY
4255 N. US Hwy 85, Castle Rock, CO 80108
REGULAR MEETING MINUTES
Held Via GoToMeeting
July 27, 2021

CALL TO ORDER:

7:31 a.m.

ATTENDEES:

Jim Worley and Burt Knight, Board Members; Tim Friday and Dick Munday, 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; Jim Walker, Pine Canyon.

ANNOUNCEMENT OF QUORUM:

Quorum present.

PUBLIC COMMENT:

None.

APPROVAL OF AGENDA:

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

ACTION ITEMS:

MINUTES OF JUNE 22, 2021, REGULAR BOARD MEETING:

Alt. Friday moved to approve the minutes of the June 22, 2021, regular board meeting. Dir. Knight seconded the motion. The motion was unanimously approved.

PAYABLES FOR THE PERIOD ENDING JUNE 30, 2021:

Mr. Martin noted the following payables: \$26,530 to CWA Consulting for Local Limits program development, \$8,689.60 to Radiation Pros for TENORM consulting, \$9,997.80 to USDA for wildlife management, which has been difficult to control and is impacting sampling sites, and \$6,662.92 to Wern Air for the A/C repair in the maintenance building. Alt. Friday moved to approve the June 30, 2021, payables for PCWRA in the amount of \$394,716.44 and the 3.0 Capacity Expansion expenditures in the amount of \$123,795.43. Dir. Knight seconded the motion. The motion was unanimously approved.

APPROVE MOVING CAPITAL REPLACEMENT RESERVES TO COLOTRUST EDGE:

Mr. Martin recommended to the Board that Capital Replacement Reserve funds be moved into the COLOTRUST EDGE portfolio. Staff met with Bernstein Investments, however, after discussion and the cost associated with managing these funds, management feels COLOTRUST EDGE is the better portfolio option at this time. Mr. Martin noted that in the future, the investments for PCWRA can be reevaluated and other options considered. Dir. Knight made a motion to direct Mr. Martin to sign the COLOTRUST EDGE registration form and to approve the transfer of Capital Replacement Reserves to COLOTRUST EDGE. Alt. Friday seconded the motion. The motion was unanimously approved.

OTHER ACTION ITEMS:

None.

DISCUSSION ITEMS:

REUSE WATER INFRASTRUCTURE:

Mr. Martin requested an update from the Board on the reuse infrastructure. Dir. Knight noted that draft terms have been sent to Castle Rock Water, however nothing has been completed. Alt. Friday stated that there are four alternative options, and a meeting is scheduled next week to discuss.

PCWRA LEGAL AGREEMENTS (2022 BUDGET PLANNING):

Mr. Martin noted that the Establishing Agreement updates still need to be completed and is requesting input for costs associated with the potential for direct potable reuse (DPR), new rules and regulations as well as an approved program. The costs for these projects will need to be accounted for in the 2022 budget for the legal line item.

REGIONAL WASTEWATER UPDATE:

Management has been working with Dominion on plans for their new facility, however there are questions surrounding whether this will be a pilot facility versus a site approved expansion. Dominion extended their agreement with Roxborough, allowing them to continue to pump wastewater to South Platte Water Renewal Partners for treatment. This extension will allow more time for site evaluation and development. 30% drawings were received yesterday and there is potential for a contract to be developed to procure Mr. Martin's time for assistance on this project. If a contract is proposed, it will be brought to the Board for approval. Short discussion ensued among the board.

MANAGEMENT REPORT:

3.0 Expansion Update

The stormwater detention pond has been completed, however, Mr. Martin noted that the basement in the new building, 8B, did not meet the fire code due to the lack of radio transmittance. An enhancement system will need to be installed to bring this building to code which will result in an additional cost of \$23,000.

Burns & McDonnell is reviewing issues with the nested influent flumes exceeding their measuring capacity and how they can be resolved to accurately measure flow.

Tertiary filter data collection and testing are underway. There have been several meetings with Parkson as the filters did not pass the tests outlined in the performance guarantee.

Burns & McDonnell are reevaluating the hydraulics for the TWAS pumps to recommend a solution, as staff has applied the last possible fix based on recommendations from the manufacturer. There continue to be HVAC issues in the MCC room, as the unit installed was undersized in design and is not providing adequate cooling. The SNDR blowers are oversized, resulting in the inability to feed smaller amounts of air if needed. Blow off valves were installed to alleviate the problem and programming is almost complete.

Plant Update

The ATAD has returned to normal operations. Staff is continuing to watch polymer inventory issues as other facilities have had to halt certain processes due to the inability to procure chemicals. There is currently a large amount of polymer onsite in the event production and shipping become backlogged again.

Mr. Martin commended Castle Rock Water on communication regarding discharge to the facility. A surprise loading to the plant can sometimes affect the facility in a negative way if the plant is experiencing an upset in operations and process. Communication is critical between the water plants and PCWRA Operations in order to handle discharges while avoiding permit violations.

TENORM regulations regarding water plant residuals will be in place by July 14, 2022. Permits will be required, and all water and wastewater facilities must be in compliance. Mr. Martin is working with the Division on a guidance document to ensure that PCWRA has input on the process.

Dir. Knight proposed that there be a quarterly meeting between members and PCWRA key operations staff as a way to improve communication and strengthen relationships. Mr. Martin stated that he would coordinate this meeting.

Mr. Martin noted that the new ATAD water cooling system failed just days beyond the warranty. Kevin with TPS was onsite to address the ATAD odor issue. While the odor has decreased and there have been no recent complaints, it is starting to resurface. There is potential to use carbon filters to reduce odor as opposed to a combined carbon and ultra violet system that would be a much higher cost.

Mr. Martin, Mr. Clark, and Mr. Griggs have been participating in DPR workgroups. Depending on upcoming regulations and requirements, there will need to be discussion of cost sharing, and water delivery between PCWRA and Castle Rock Water. Mr. Martin was scheduled to meet with representatives from WaterReuse Colorado, Denver Water, City of Westminster, Aspen, and Colorado Springs Utilities and Senator Hickenlooper to discuss utilizing infrastructure investment package funds for the water reclamation effort in Colorado, however Sen. Hickenlooper did not attend the meeting but sent his staff. It is unclear at this time who will receive those funds.

Alt. Friday stated that DPR is part of Castle Rock Water's drought management plan. Colorado School of Mines and Colorado Springs Utilities worked jointly to design and build a pilot DPR system. This is the same process used by Castle Rock in their advanced water treatment process. The purpose of the pilot unit is to demonstrate how effective DPR is and to educate the public. The pilot unit will remain at Colorado Springs Utilities for the time being and the next stop will be Castle Rock Water. Alt. Friday extended an invitation to the Board to tour their facility. Discussion ensued.

Vranesh & Raisch attorney, Gabe Racz, is currently investigating whether he will have a conflict-of-interest issue in the event Parker becomes a member of the PCWRA board due to his work with Cherry Creek.

Staff is participating in a workgroup with the Water Quality Forum in the review of alum and ferric use in wastewater for phosphorous removal. While the Division understands the need for these chemicals in phosphorous removal, the public is pushing back. With Regulation 31, there will be a table value standard developed in 2027. PCWRA has offered to supply data for this process as this will have a large impact on phosphorous removal.

Mr. Martin noted that the cost for the Union Pacific railroad lease has significantly increased from \$16,500 for a 20-year lease to an annual fee of \$8,500 with a 3% escalation annually. Additionally, the railroad may reevaluate these terms at any time. Ms. Oelkers has been in contact with the Special Districts Pool regarding insurance and liability concerns. Mr. Martin stated that he attempted to continue a lease similar to what was in place, however, the initial lease was a one-time event based on the needs of the railroad at that time.

There will be a 20% increase in membership dues for the Chatfield Watershed Authority. PCWRA will see an increase from \$2,000 to \$2,400 beginning in 2022 which will last until 2024. This increase is a result of projected legal and technical assistance costs for Regulation 73 stakeholder meetings and hearings. There is anticipation that the Water Quality Control Commission will require the Chatfield Watershed Authority to begin reallocating the Chatfield phosphorus waste loads as chlorophyll levels have been exceeded twice. There may also be the need to evaluate point sources.

CDPHE Update

Shaun McGrath, the new Environmental Health and Protection Director, gave a presentation at the Water Quality Forum's annual retreat that outlined the CDPHE's main concern of emissions and greenhouse gasses and the Environmental Justice program. The CDPHE will also continue to work on PFAS as that is a hot topic among the CDPHE and the current administration. There is potential for monthly PFAS testing including biosolids that would be a large expense on wastewater facilities. The requirements surrounding PFAS testing are very sensitive, as it is difficult to test for and samples are easily contaminated. If PFAS is found, the facility will be required to conduct a source identification study.

The Air Pollution Control Division is proposing a new package that would attempt to reduce greenhouse gasses. This would include requirements that attempt to reduce emissions and encourage the use of public transportation carpooling, non-motorized and electric vehicle use for employees to get to work. Employers would receive credit for that emissions reduction. There could be penalties imposed on the employer for not meeting the requirements which creates concern for this program.

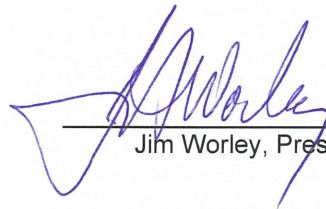
OTHER DISCUSSION ITEMS:

Mr. Martin mentioned that staff is having difficulty filling the available admin position and there is potential to use a staffing agency. Additionally, Lisa Romett has resigned from her lab technician position and staff is interviewing candidates. There is potential for a reevaluation of operation staffing needs as well as consider new position or lead position for the lab. Management is concerned with weekend staffing safety in operations as there is currently only one operator at the facility on the weekends. Discussion ensued among the board.

Mr. Martin recommended that a utility plan update be completed next year which would be considered when creating the 2022 budget.

ADJOURNMENT

There being no further business to come before the board, Dir. Worley declared the regular meeting adjourned at 8:35 a.m.



Jim Worley, President