

PLUM CREEK WATER RECLAMATION AUTHORITY
4255 N. US Hwy 85, Castle Rock, CO 80108
REGULAR MEETING MINUTES
Held Via GoToMeeting
May 25, 2021

CALL TO ORDER:

7:31 a.m.

ATTENDEES:

Jim Worley, Mark Marlowe, and Burt Knight (entered 7:38 a.m.), 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; Nick Warnick and Christine McLeod, Haynie & Co. (both exited 7:45 a.m.).

ANNOUNCEMENT OF QUORUM:

Quorum present.

PUBLIC COMMENT:

None.

APPROVAL OF AGENDA:

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

ACTION ITEMS:

MINUTES OF APRIL 27, 2021 REGULAR BOARD MEETING:

Alt. Munday moved to approve the minutes of the April 27, 2021 regular board meeting. Dir. Marlowe seconded the motion. The motion was unanimously approved.

PAYABLES FOR THE PERIOD ENDING APRIL 30, 2021:

Mr. Martin noted that the chemicals budget is projected to reach 150% of the 2021 budgeted amount. While staff budgeted for an increase in polymer, the overage is a result of unanticipated alum sulfate usage for the new process. Staff is working to optimize this process, and if successful, the percentage over budget should lessen. Alt. Munday moved to approve the April 30, 2021, payables for PCWRA in the amount of \$344,396.34 and the 3.0 Capacity Expansion expenditures including partial retainage in the amount of \$1,545,028.83. Dir. Marlowe seconded the motion. The motion was unanimously approved.

2020 ANNUAL FINANCIAL REPORT:

Mr. Warnick stated that the 2020 Annual Financial Audit at PCWRA was efficient and free of issues. He noted that Haynie & Co. has a clean and unmodified audit opinion, and all financials were materially correct. Mr. Warnick also congratulated PCWRA on achieving the Certificate of Excellence Award from CGFOA for the year 2019 and praised staff on the strength of internal controls. Dir. Marlowe moved to accept and approve the 2020 Annual Financial Report. Dir. Knight seconded the motion. The motion was unanimously approved.

BACKYARD AGREEMENT NONCOMPLIANCE LETTER:

Mr. Martin noted that The Backyard has failed to comply with their agreement with PCWRA on the installation of a grease interceptor. The required date of completion is May 31, 2021. The Backyard's representative Kelly Kambs, as well as The Backyard's contractor, have been largely unresponsive. However, Ms. Kambs did promise

drawings would be approved as of Friday. Staff has not received any further information on those drawings. Mr. Martin recommended that PCWRA attorney, Darryl Farrington, draft a letter of noncompliance which provides 30 days to comply with the original agreement or show significant progress towards the installation of a grease interceptor. In the event The Backyard does not comply, the Town of Castle Rock will cease utilities to that location until the agreement requirements are filled. Dir. Marlowe noted he spoke with Ms. Kambis regarding the seriousness of the situation and provided information regarding the Town's grant program for grease interceptors. Dir. Knight stated it would be appropriate to send the letter as a matter of record. Dir. Marlowe moved to recommend Mr. Farrington to move forward with sending the letter. Dir. Knight seconded the motion. The motion was unanimously approved.

OTHER ACTION ITEMS:

None.

DISCUSSION ITEMS:

REUSE WATER INFRASTRUCTURE:

Mr. Farrington conducted a document search to determine ownership of the reuse infrastructure that delivers reuse water to ponds 17 and 6A. However, he was unable to find evidence of a conveyance nor bill of sale from Castle Pines Metro District (CPMD) to PCWRA or any easements for these reuse lines. Additionally, there is no evidence that supports any intent for the conveyance of those lines to PCWRA. Dir. Marlowe requested that Castle Rock Water work directly with CPMD to discuss the future use of those lines. Mr. Farrington noted that as long as no PCWRA business is discussed, the two entities could work together to discuss this topic. Discussion ensued among the Board.

REGIONAL WASTEWATER UPDATE:

Management is having a meeting with the engineers and participants of the regional wastewater project on Thursday to discuss potential treatment at the Dominion facility. Staff has provided Dominion with a sampler and training to conduct influent sampling at that facility. Two weeks of sampling will be collected beginning next week. The project is intended to start as a pilot plant. Mr. Martin expressed concern for challenges surrounding this project, such as the inability to expand due to the size of the property as well as the affluent neighborhood that overlooks the facility. Dir. Marlowe noted that Douglas County has expressed interest in utilizing funds to support this project, however, there are many factors that will need to be discussed with engineering and current stakeholders. There are also other land opportunities. Discussion ensued among the Board. Dir. Marlowe will organize a meeting with Dominion and PCWRA.

MANAGEMENT REPORT:

3.0 Expansion Update

Mr. Martin noted that the punch list is complete. Warranty items are nearing completion, and final completion should be accepted by the June 2021 Regular Board Meeting.

There have been two arc flash events due to a fault in the new Variable Frequency Drives (VFD's) according to Brown's Hill and Guarantee Electric. Square D will be onsite to investigate further and, until the issue is resolved, staff will no longer be engaging with this equipment.

Moltz Construction and Douglas County are working to resolve issues regarding the breakers for the HVAC and the stormwater detention pond. Douglas County issued a cease and desist order on the stormwater pond until these issues are resolved and approved. Upon approval, the fencing and seeding will be finished, and construction will be complete.

Burns & McDonnell are continuing to work through the issue with the thickened WAS pumps not pumping correctly. A new solution is being tested today, and PCWRA will not accept these pumps until they are operating as promised. Burns & McDonnell is also working on the HVAC issues. A potential solution is to install a temporary wall with ventilation to optimize cooling, however this could cost approximately \$40,000-\$60,000.

There has been significant I&I this year therefore, Burns & McDonnell are working on modifications to the influent and effluent flumes. The flumes topped out during the last severe weather event, making it impossible to

measure. Rain and snow events have proven to be an issue, as there is an instant increase in flows during these weather events.

Plant Update

Staff has received several odor complaints from the neighboring property. Mr. Martin noted that it is not a wastewater odor, but more of a chemical odor emanating from the ATAD process. Depending on the direction of the wind, the odor travels directly to the neighboring property. Thermal Process Systems (TPS) was onsite May 12, 2021, to collect samples which were sent out for analysis. Once these results are received, staff hopes to have better direction on how to address the issue and the necessary process changes that need to be implemented. Mr. Martin will then present odor control options to the Board for consideration.

The CDPHE Hazardous Materials has responded to Waste Management's TENORM requirements regarding grit and rag disposal. The landfills have been notified that wastewater screenings and rags are not considered TENORM, even when the plant accepts water plant residuals. Mr. Martin once again recommended the members make sure their ground water plants are registered with the State. The grit is being evaluated to determine how it should be characterized creating an additional expense associated with this process. However, the uncharacterized grit will still be accepted until July of 2022.

The lack of raw materials has made it difficult to acquire polymer. Operations is currently taking steps to obtain as much polymer as possible in the event that it is inaccessible. Other plants are facing the same difficulty as a result of a transportation, labor, and petroleum shortages. In a worst-case scenario, staff could temporarily house the liquid in an offline ditch. Discussion ensued among the board regarding these possible scenarios.

Mr. Martin and Mr. Clark are involved in the Direct Potable Reuse, Reuse and Regulation 31 stakeholder's workgroup.

CDPHE Update

Many councils are organizing to send representatives to meetings to discuss successes and challenges with The Division. The CDPHE has recently approved their budget and there have been some staffing changes. Shaun McGrath is now the Environmental Health and Protection Director, and Trish Oeth is the Director of Environmental Policy and the interim Water Quality Control Division Director. Jeremy Neustifter is also the interim Director of Environmental Boards Commission.

The Division intends to continue remote work as opposed to returning to the office.

OTHER DISCUSSION ITEMS:

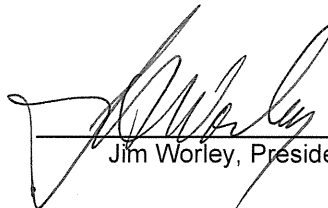
None.

EXECUTIVE SESSION:

At 8:41 a.m. Dir. Marlowe moved to enter into Executive Session for discussion of legal questions pertaining to Castle Pines North Metro District's inclusion into Parker Water and Sanitation with PCWRA attorney as authorized by CRS 24-6-402(4)(b). Dir. Knight seconded the motion. The motion was unanimously approved. Executive session attendees included Jim Worley, Burt Knight and Mark Marlowe, 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. Executive session was adjourned at 9:00 a.m.

ADJOURNMENT

There being no further business to come before the board, Dir. Worley declared the regular meeting adjourned at 9:02 a.m.



Jim Worley, President