

PLUM CREEK WATER RECLAMATION AUTHORITY
4255 N. US Hwy 85, Castle Rock, CO 80108
REGULAR MEETING MINUTES
Held in person and GoToMeeting
June 28, 2022

CALL TO ORDER:

7:33 a.m.

ATTENDEES:

Jim Worley, Mark Marlowe, and, Josh Shackelford, Board Members; Dick Munday, and Tim Friday, Alternate Board Members; Michael Kelly, Interim Director, Castle Pines North Metro District; Wes Martin, Authority Manager; Kirby Clark, Assistant Authority Manager; Lissa Oelkers, Director of Administrative Services; Lucinda Young, Administrative Assistant; Alyse Billick, Administrative Assistant; Darryl Farrington, Semple, Farrington, Everall & Case, PC; Jim Walker, Pine Canyon; Rob Traupe, Public Attendee

ANNOUNCEMENT OF QUORUM:

Quorum present.

PUBLIC COMMENT:

None.

APPROVAL OF AGENDA:

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

PUBLIC COMMENT:

None.

ACTION ITEMS

MINUTES OF MAY 24, 2022, REGULAR BOARD MEETING:

Dir. Munday moved to approve the minutes of the May 24, 2022, regular board meeting. Dir. Worley seconded the motion. The motion was unanimously approved.

PAYABLES FOR THE PERIOD ENDING May 31, 2022:

Mr. Martin highlighted the following expenditures: Ground Penetrating Radar Systems inspection for voids under biosolids building #7 for \$1,375.00 Great Western Tree Care for protection of the trees for \$3,174 as a couple trees were lost last year; Intermountain Controls Nichols-Given, \$3,301.74, for Bray butterfly valves for the ditch 1 rehab taking place this year; SEAL Analytical for a new discrete analyzer which was a planned capital replacement for \$45,425.00; and one expenditure from the 3.0 Capacity Expansion escrow in the amount of \$3,659.00 for the HVAC in the UV room as the engineers did not include a return cutout and return duct in the bottom of the unit in the initial project.

Dir. Worley moved to approve the May PCWRA payables in the amount of \$400,141.41, and 3.0 Capacity Expansion payables for \$3,659.00 for a total of \$403,800.41. Dir. Munday seconded the motion. The motion was unanimously approved.

SILVER HEIGHTS SPECIAL CONNECTOR'S AGREEMENT AMENDMENT #2:

While the Silver Heights agreement with the Town of Castle Rock has not been completed, Silver Heights is requesting that Mr. Martin move forward with finalizing the second amendment to their Special Connector's Agreement. Dir. Marlowe provided some insight into the expansion of a rest home within the Silver Heights district and the need for additional capacity stating that there is some paperwork to finish.

Dir. Munday moved to conditionally approve the Silver Heights Special Connector's Agreement Amendment #2 contingent upon closing of the sale of additional capacity by the Town of Castle Rock to Silver Heights. Dir. Worley seconded the motion. The motion was unanimously approved.

OTHER ACTION ITEMS:

No other action items, however, Mr. Martin did mention a change in the Castle Pines Metro District board members. Mr. Martin received a letter from Castle Pines Metro District assigning Josh Shackelford as the official PCWRA Board Director for Castle Pines Metro District and Dir. Munday the Alternate Board Director. Discussion ensued as to who would represent CPNMD starting at the July board meeting now that Dir. Worley is retiring with this being his final meeting. Dir. Worley stated that someone would be in touch with Mr. Martin soon with a letter stating their representation.

DISCUSSION ITEMS

REGIONAL WASTEWATER/WATER PLAN UPDATE:

Dir. Marlowe updated the board that Douglas County was unable to get all the participants in agreement, therefore, the Regional Wastewater/Water Plan as presented is no longer moving forward. Douglas County presented an alternate strategy to Castle Rock Water to have Castle Rock help them put a sewer infrastructure in place and exclude the water aspect of the original plan. The new strategy is being discussed by Castle Rock and Douglas County.

DIRECT POTABLE REUSE:

Mr. Martin explained the sampling plan meeting will occur today, July 28, 2022, with the Town of Castle Rock and their engineers. Alt. Friday stated the plan is to assess the impact of direct potable reuse (DPR) to operations and how it relates to other members and their collection systems. Dir. Marlowe clarified that Castle Rock Water will cover the cost of sampling. A copy of the plan will be provided to the members of the board.

REUSE RATES AND CAPITAL PLANNING:

Mr. Martin requested direction from the members on the reuse rates. He proposed starting with a 4-way split for capital replacement allocation costs then rates could be adjusted in the model once the members have an opportunity to discuss with the golf courses. The members agreed with this approach. Mr. Martin explained Carol Malesky is updating the model for reuse rates and it should be completed in approximately two weeks at which time the 4-way split rates will be plugged in and shared with the board. Mr. Farrington recommended a meeting between Ms. Malesky and the board to review the new model. Ms. Oelkers will reach out to her to set a date and time. Dir. Marlowe inquired into costs for the pump station, rehab of the reservoir, and financing of the project. Mr. Martin explained costs are constantly changing, and recently jumped up to \$6 to \$6.5 M, and the lead time to procure equipment and supplies is approximately 50-60 weeks. Staff researched individual loans and SRF financing and recommends SRF financing as the best option due to low interest rates.

MANAGEMENT REPORT:

3.0 Expansion Update

Mr. Farrington sent the Construction Defect Action Reform Act (CDARA) letter to Moltz Construction on June 22, 2022, regarding the filters giving Moltz Construction 30 days to respond. Moltz has been responsive and suggested other chemical options, however, because PCWRA is administratively extended in their permit, the Division will not allow any changes in chemicals used at the facility. Mr. Martin further explained that Parkson has not responded to Burns & McDonnell, Moltz Construction, or PCWRA regarding the sand size or sand depth of the filters. As requested, Mr. Martin will send a copy of the CDARA letter to the members. Additionally, Mr. Martin is finalizing a

scope with Carollo for an evaluation of the filters with the cost not to exceed \$25,000. The evaluation should be completed in approximately one month. This will provide staff with a third-party opinion on the filters.

Plant Updates

Staff continues to wait on the reuse inspection report from CDPHE.

Due to increased costs in raw materials, trucker shortages, and fuel costs, alum has increased about \$1,000 per truckload. The distributor explained to Mr. Martin that some of the raw materials have increased by 500%. They are waiting on the fourth quarter index to see what cost will be and will provide an update.

CDPHE Update

Mr. Martin shared with the board that on June 15, 2022, the EPA released new health advisories for the per- and polyfluoroalkyl substances (PFAS) in drinking water, and that the limit levels are very low. At present it is uncertain what the EPA will do for wastewater. In addition, the CDPHE is being urged to implement phosphorous and nitrogen limits in Chatfield, despite their compliance with Watershed Protection Control Regulation #73. In response, the 2023 budget will reflect costs for legal and technical experts to perform an assessment of the proposed nitrogen standard and its effect on PCWRA.

Mr. Martin further updated the board that CDPHE is actively looking for a manager for their permits division.

PCWRA received a grant for the PFAS sampling program, remarkably there were very few applicants for the grant. Further discussion ensued.

OTHER DISCUSSION ITEMS:

None.

ADJOURNMENT

There being no further business to come before the board, Dir. Marlowe declared the meeting adjourned at 8:16 a.m.



Mark Marlowe, President