

**PLUM CREEK WATER RECLAMATION AUTHORITY**  
**4255 N. US Hwy 85, Castle Rock, CO 80108**  
**REGULAR MEETING MINUTES**  
**\*Held in person and GoToMeeting\***  
**August 23, 2022**

**CALL TO ORDER:**

7:30 a.m.

**ATTENDEES:**

Mark Marlowe, Josh Shackelford (arriving at 7:35) and Nathan Travis, Board Members; Dick Munday, Alternate Board Member; Wes Martin, Authority Manager; Kirby Clark, Assistant Authority Manager; Lissa Oelkers, Director of Administrative Services; Patou Griggs, Industrial Pretreatment Coordinator; Alyse Billick, Administrative Assistant; Darryl Farrington, Semple, Farrington, Everall & Case, PC; Roy Gallea, Engineering Manager Town of Castle Rock

**ANNOUNCEMENT OF QUORUM:**

Quorum present.

Nathan Travis was introduced as Castle Pines North's new Manager and new member of the PCWRA Board of Directors.

**PUBLIC COMMENT:**

**Attendees:** Jim Walker, Pine Canyon

**Comments:** None

**APPROVAL OF AGENDA:**

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

**ACTION ITEMS:**

**MINUTES OF JULY 26, 2022, REGULAR BOARD MEETING:**

Alt. Munday moved to approve the minutes of Jul 26, 2022, regular board meeting. Dir. Marlowe seconded the motion. The motion was unanimously approved.

**PAYABLES FOR THE PERIOD ENDING JULY 31, 2022:**

Mr. Martin highlighted the replacement sampler parts to Teledyne in the amount of \$4,953.90, a Covid 19 disinfection and office deep cleaning for \$3,990.00 to Kathy Clean that will be submitted to the SDA for a safety grant and the manual check that was signed by Dir. Marlowe to the CDPHE for the annual permits for \$19,579.00. He also mentioned the \$1,685.00 expenditure from the 3.0 expansion escrow fund to Carollo for the filter performance evaluation. Upon request, Mr. Martin updated the board on the status of the remaining 3.0 Expansion funds. Dir. Shackelford moved to approve the July 2022 payables in the amount of \$489,785.87. Dir. Travis seconded the motion. The motion was unanimously approved.

**OTHER ACTION ITEMS:**

None.

**DISCUSSION ITEMS:**

**INDUSTRIAL PRETREATMENT UPDATE:**

After speaking to the industrial pretreatment department at the South Platte Renewal Authority, staff discovered that their variance application approval process is based heavily on the reviewer's "best professional judgement." Therefore, the cost/benefit approval process currently in place is the best option to protect the Rules and Regulations of PCWRA. Sherri Jones, Vista Engineering, creator of PCWRA's cost benefit analysis, will be updating the database to help determine the loading of a larger range of establishments. The board also suggested reviewing alternative technologies for cost effectiveness and to provide backup support to the current process PCWRA already has in place.

**REGIONAL WASTEWATER/WATER PLAN UPDATE:**

Douglas County commissioners recently met with Castle Rock Water, Sedalia and Louviers. The County awarded \$2.6M of ARPA funding to Sedalia to supplement their USDA loan for improvements to their water distribution system.

Dir. Marlowe informed the board that Dominion Water continues to plan to build a wastewater treatment facility along the South Platte River. There is no final solution to the regional wastewater planning but there is still the possibility of pumping wastewater from Louviers south to PCWRA to be treated. Mr. Martin stated he would like to submit an RFP for a utility plan update and include the potential regional flows with lift stations. When asked who would be paying for the plan, Mr. Martin stated it is a requirement that utilities update their plan every five years and would come out of the annual budget for 2023. The capacity for the region would likely come from the Town of Castle Rock.

**DIRECT POTABLE REUSE:**

PCWRA continues to wait for the sampling plan from Castle Rock Water, however staff met with CDM Smith to determine the best sampling points at the treatment facility. CDM Smith will submit these plans to the Division, however the Division is unable to formally approve the plan due to the DPR rule only being in draft form within the Colorado Primary Drinking Water Regulations. The study from Castle Rock Water is due before October and will eventually go before the Water Quality Control Commission.

**REUSE RATES AND CAPITAL PLANNING:**

Mr. Martin has plans to meet with Dir. Travis and a separate meeting with Castle Pines Metro District to discuss the capacity needs of the golf courses and rate changes to cover capital planning.

**MANAGEMENT REPORT:**

3.0 Expansion Update

A draft is expected this week from Carollo regarding the filter evaluation. Once reviewed, Carollo will finalize the report and the results will be shared with the board.

Plant Updates

The drum mixers are currently being sandblasted in Ditch 1 and prepped for coating to maintain the integrity of the equipment.

There was significant infiltration due to the rainstorm event on August 15th. Peak flow jumped from 7 MGD to 19.5 MGD. Mr. Martin expects PCWRA's permit that is currently under administrative review will have an infiltration requirement.

### CDPHE Update

The CDPHE is currently working on the Pine Canyon Site Application and has sent a request for information to Jim Walker and Castle Rock Water. The other members may receive a request as well because the proposed site would need to be a special connector through an existing member or gain service directly from one of the existing members.

Mr. Martin is working with the Colorado Monitoring Framework PFAS subgroup to create a communication plan to provide scientific information to the public and stakeholders regarding PFAS. They are also working with the Division regarding the proposed sampling plans, in hopes that the division will consider quarterly sampling instead of monthly. There is concern with the cost of the testing and availability of approved labs to perform these tests. Discussion ensued regarding how PFAS testing will affect the water treatment facilities.

PCWRA has requested party status for the November 2022 Rulemaking Hearing on Nutrients (Regulations 31, 32-38 and 85). The TetraTech report that is aiding in the Division's nutrient criteria for Colorado lakes has proposed that the total nitrogen limit be set below reasonable values at PCWRA's discharge. The CWWUC and Chatfield Watershed Authority continue to work with PCWRA to respond to these regulations and the study performed by CSU Professor, Jimmy McCutchan. According to Mr. McCutchan's study there are a number of errors in TetraTech's methods, analysis, data, and sample frequency.

Mr. Clark and Mr. Martin attended the annual Water Quality Forum meeting. Previously the Division removed the Permit Issues Forum (PIF) out of their process, however stakeholders have proposed to reinstate the group in hopes it will help the Division catch up on permits and increase communication. The Division is reluctant to reinstate the group, however they agreed to review the stakeholder's proposal. Mr. Martin added that PCWRA still has not received its permit, and there is concern that the Division is waiting on the results of lake nutrient criteria.

### **OTHER DISCUSSION ITEMS:**

None.

### **ADJOURNMENT**

There being no further business to come before the board, Dir. Marlowe declared the meeting adjourned at 8:08 a.m.



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Mark Marlowe, President