

**Upper Clear Creek Watershed Association**  
**Meeting Minutes**  
**August 12, 2021**

**Call to Order/Establish Quorum**

A regular meeting of the Upper Clear Creek Watershed Association was called to order at 8:35 am by Chair Ben Moline in GoToMeeting August 12, 2021. A quorum was declared established.

**Agenda Approval**

It was moved and seconded to approve the agenda as presented; motion carried unanimously.

**Approval of Minutes**

It was moved and seconded to approve the minutes of the July 8, 2021 UCCWA meetings; motion carried unanimously.

**Secretary/Treasurer Report**

The following invoices were presented for approval: Kielty Diversified Projects Inv# for \$600.00 and Clear Creek Consultants Inv. #2474 for \$360.00 The invoices were within the budgeted/approved limits. It was moved and seconded to approve the invoices for payment totaling \$960.00; motion carried unanimously.

**Referrals**

- None received. The quarry project on the Young Ranch has not been submitted to Clear Creek County. UCCWA will receive a referral once the application has been submitted.
- The contact information on how to get on the Jeffcom call-down list will be sent to the Secretary/Treasurer to share with UCCWA membership.

**Water Quality Incident Reports**

- The Golden Police Department dispatch center received information on July 25th at 3:18 am of a possible contamination of the water in Clear Creek at approximately mile marker 261 due to a vehicle accident.

**Presentations**

- **CC 40 Presentation / Lower CC** - Mike Crouse, Clear Creek Consultants – Analysis on stations CC-40 (Kermitt's Gauge) and CC-59 upstream of Church Ditch at Golden intake was presented. Trending was discussed. They have been evaluating long-term trends for almost 20 years for turbidity/TSS, conductivity/chloride, and nutrient concentration/loads. They do not do any ambient sampling at this time. Presentation available by request.
  - What is the condition of the station WQ recording devices, and will the equipment need an update in the future?
    - The equipment is in good condition at this time.
  - Having year-round water quality data for TSS and conductivity would assist in watershed modeling, loading calculations including nutrients, and estimating road salt application concentrations. Is Clear Creek Consultants available to operate CC-40 year-round?
    - The gauge can't be maintained with any degree of accuracy due to significant build up of ice. Year-round monitoring is not practical. They can operate conductivity and temperature flow below the ice.

It has always been a challenge to get consistent funding to monitor road salt application along the I-70 corridor. Clear Creek Consultant's contract was not renewed with CDOT to continue this

monitoring. Moving forward UCCWA needs to decide the value of this information. We see trends going up and the flow regime changing significantly over the past 10 years. The flow changes have a lot to do with contaminant transport in Clear Creek. This may be of interest to UCCWA.

### **Announcements**

- **AUGUST 16th-17th, 2021 | Introduction to Industrial and Municipal Wastewater Treatment Processes | EUCL.** This introductory course for industrial and municipal wastewater treatment processes will cover principles that wastewater operators need to be successful at their jobs. The course will be packed with knowledge starting with the Code of Federal Regulations and ISO standards for protecting the environment. Discussions on how wastewater treatment processes differ from industrial to municipal, what equipment is needed for successful treatment of wastewater, and how to test wastewater for treatment efficiencies and safety will be highlighted. Click [HERE](#) to view the full brochure. Click [HERE](#) to register.
- **AUGUST 21st, 2021, 10 am - 8pm | Colorado Watershed Assembly Benefit Party.** On Saturday, August 21st, the Lakewood and surrounding communities are gathering at Green Mountain Beer Company for a benefit fundraiser for the Colorado Watershed Assembly and Colorado Healthy Rivers Fund (CHRF). This event will help us raise money for important watershed clean-up activities throughout Colorado. Expect an exclusive beer release, Food Trucks, Games, A silent Auction, and a dunk tank to drop your favorite beertenders and managers into cold water! For more information click [HERE](#).

### **Member Updates**

- September UCCWA Presentation - 2020 Clear Creek / Standley Lake Annual Report.
- Does the membership believe having an UCCWA presence at the quarterly Water Quality Control Commission meetings in 2022 useful? Would this be a service to consider adding to the 2022 UCCWA budget.
- Black Hawk and Clear Creek County will be starting the Green Lake Head Gate project above Georgetown on Leavenworth Creek the week of August 16. A preconstruction meeting will be held with the US Forest Service that week. The new head gate will replace the existing 100 year plus structure. The head gate diverts flow from Leavenworth Creek into the pipeline which delivers water to Green Lake.
- UCCWA will continue meetings virtually through the end of this year and look into a hybrid format beginning in 2022.
- The 208 Planning Agency meetings continue, but it is unclear how a planning entity would facilitate a plan and how this would be funded. It has been a productive process so far. The State has the role as planning entity due to DRCOG releasing water from their services. There were good lessons learned from DRCOG and participation required a big commitment. Regional partners meeting more often is of interest to parties in this region.
- The Peaks-to-Plains Trails Golden segment is underway. UCCWA may plan a walkthrough in the Golden section. Pat O'Connell will work with the Secretary/Treasurer to schedule a field visit in October.

### **Adjournment**

At 9:22 am, Chair Moline adjourned the meeting. The next meeting will be Thursday, September 9, 2021.

*Diane Kielty, Secretary/Treasurer*

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MEMBERS ROLL CALL:

Black Hawk: Jim Ford  
Black Hawk/Central City San. Dist.: Jessica DiToro  
CDOT: Excused  
Central City: Absent  
Central Clear Creek San. Dist.: I (opted)  
Clear Creek County: Gary Hague, Lisa Leben  
Clear Creek Ski Corp.: Cindy Olson  
Empire: Absent  
Georgetown: Ryan Zabel  
Gilpin County: Brad Benning  
Golden: Kerry Major  
Henderson Mine: Absent  
Idaho Springs: Absent  
Jefferson County: Patrick O'Connell  
Molson Coors: Ben Moline  
Saddleback: I (opted)  
Silver Plume: Absent  
St. Mary's Water & San. Dist.: Chris Oeland  
Trout Unlimited: Excused

OTHERS PRESENT, PER SIGN-IN SHEET:

Diane Kielty, Secretary/Treasurer UCCWA  
Andrew Cross – City of Westminster  
Jim Pals – Douglas Mountain  
Mary Boardman – CDPHE Superfund  
Trea Nance – City of Westminster  
Evelyn Rhodes, City of Arvada  
Mike Crouse, Clear Creek Consultants