

**Fountain Creek Watershed, Flood Control and Greenway District  
Citizens Advisory Group**

**Meeting Minutes  
January 11, 2019**

The meeting was held at:  
City of Fountain, City Hall  
116 S. Main Street, 2nd Floor  
Fountain, CO

**1. Call to Order, Establish Quorum and Introductions**

The January 11, 2019 meeting of the Fountain Creek Watershed, Flood Control and Greenway District (FCWD) Citizens Advisory Group (CAG) was called to order by Ms Irene Kornelly, Chairperson, at 9:43 a.m. A quorum was noted, with the following CAG members in attendance:

Irene Kornelly – Chair and CAG Representative to the FCWD Governing Board  
Ian Hartley – Vice Chair  
Jack Wallick – CAG Secretary  
Mary Barber – Alternate Representative to the FCWD Governing Board and Web Manager  
Christine Lowenberg  
Allison (Plute) Schuch  
Tom Ready  
David Woolley

**CAG Members Not Present:**

Dana Nordstrom  
TAC Representative to the CAG

**Also in Attendance:**

Larry Small, FCWD Executive Director  
Aaron Sutherlin, Matrix Design  
Dan Bare, Matrix Design

**2. Approve Agenda of Meeting.**

**Upon motion duly made, seconded and unanimously carried, the January 11, 2019 Agenda was approved.**

**3. Approve Minutes of October 12, 2018 and Notes of November 9, 2018.**

**Upon motion duly made, seconded and unanimously carried, the Minutes of October 12, 2018 and Notes of November 9, 2018 were approved.**

**4. Presentations**

**a. Creek Week 2018 Report.** Allison Schuch presented the wrap-up for the 5th year of Creek Week. This year's event spanned nine days.

- The Steering Committee this year represented 19 different organizations and had 26 members, and collectively the group put in 1369 hours.
- Major sponsors this year were City of Fountain, Colorado Springs Utilities, The Greenway Fund, Matrix Design, and Tezak Heavy Equipment. All together eleven governmental entities, 18 businesses, and 10 nonprofits supported Creek Week.

- 2018 contributions were \$15,200 in cash, \$7620 in-kind, and \$34,613 in value from steering committee work, for a total of \$57,433 in donations to Creek Week. This is a 34 percent increase from the previous year.
- Expenditures ranged from advertising and printing, a CC intern, and website hosting, to gloves, wristbands, buttons, banners, and the like. Expenses totaled \$8,866.
- Creek Week received a CDPHE grant for \$3,400 that supported work by Amy Brautigam while Allison was unavailable.
- Local governments supported Creek Week with proclamations of support, and local media was supportive.
- This year 2,791 citizens from 99 groups collected 2,396 bags of litter totaling 24 tons removed. Over its five-year life, Creek Week has collected 84 tons of litter.
- Among the many Creek Week related events, the Clean and Crawl sponsored by Lienenkugel was a big fund raising success.
- We have \$11,000 in our account, of which \$5,000 will be used to fund a CC Intern to support Creek Week and other outreach activities this year.
- Our website has a full report under the Creek Week button.

**b. Piñon Bridge and Barr Farms Projects (Matrix Design).**

**Piñon Bridge.** Aaron Sutherlin, the Piñon Bridge Project Manager for Matrix, discussed the site's problems and how the design will remediate them.

- The location is in Pueblo County and its approximate location is the intersection of Overton Road with Piñon Road. The site is designated high priority in the 2017 WARSSS study.
- The west guide bank, protecting the bridge from scour, is at risk, as is the adjacent creek bank, contributing an estimated 11,000 tons of sediment annually to the creek.
- The multi-thread flow pattern of the creek at that location results in low velocities, thus sediment deposition, and lateral movement.
- The primary objective is to re-build the corridor, resulting in a central channel that maintains good velocities even at low flow. Bankfull design will ensure that 1 to 2 yr flood events will just fill the banks, while the floodplain corridor will absorb flows up to 100 year events.
- For times of low flow, there is a channel within the channel, maintaining flows sufficient to move sediment.
- Aaron commented that in contrast to the situation at the Highway 47 Bridge where the abutments were only 250 feet apart, Piñon Bridge abutments are about 500 feet apart, giving it much greater flood flow capacity.
- RipRap will be used in bendways only, while extensive revegetation of the riparian habitat will be performed, using coir fabric, willow shoots, and cottonwood bats.
- The project went to bid at the 90% design stage, and was refined to 100 percent with the winning bidder, Tezak Heavy Equipment. The bid was low enough to beef up the design in several areas.
- Construction is scheduled to run from January 28 through May 31. Project cost is \$1.8 million, and about 37,000 cubic yards of sediment will be removed for use in the Barr Farms Project.
- Larry commented that originally many of these projects were envisioned as bank stabilization, but through the process of our flood control study we have moved to the philosophy of Flood Plain Management, which incorporates much more than just bank stabilization.

**Barr Farms.** Dan Bare, Barr Farms Project Manager, discussed the site's problems and how the design will remediate them. In the same manner as the Piñon Bridge Project, this project has evolved from bank stabilization into Flood Plain Management.

- The site features a 25 to 30 foot high cut bank, at-risk utilities, and agricultural land. Larry commented that the most at-risk utility pole was moved previously by Black Hills.
- The site was identified as high priority by the WARSSS Report for the risk to property and the sediment load contributed to the creek, estimated at 54,000 tons annually.

- Modeling showed how high flows are directed right at the cutbank, threatening more erosion and sedimentation load.
- The design process sees the channel being re-aligned away from the cutbank and rebuilt using the bankfull method. The old channel will be closed off and protected from re-establishment. The contractor will make a temporary tie-in while the main channel is being reworked, and then close that off as well.
- The bankfull channel will range from 165 to 212 feet wide.
- By moving the channel, the designers had more room to work with in stabilizing the cutbank and moderating its vertical walls to a 2:1 slope, using the 37,000 cubic yards of fill imported from Piñon Bridge upstream.
- The design incorporates toe-wood structure, in which mature trees harvested from the new channel upstream and those logs are used to reinforce the creek banks against scour. Above the logs, which are laid perpendicular to the banks, the soil is built up and stabilized with coir wrap, and re-vegetated. The root balls are exposed to the flow and encourage fish habitat.
- The design was put out to bid, which was won by Sun Construction, which performed the Highway 47 project. Total project cost is \$5.6 million. A notice to proceed was given January 2nd, with completion in 150 days, or June 1.

## 5. Reports.

### a. Governing Board Meeting. Larry reported on the December 7 Board meeting.

- The Board gave its approval to the 2019 Budget.
- The Board also approved the Matrix Technical Services contract for another year, making this the eighth year for that contract.
- Larry brought up a few items from the 2019 budget relating to the CAG and Outreach.
  - Website maintenance is allocated \$3,000.
  - CAG Outreach is also allocated \$3,000, of which \$1,000 is being spent this month to pay our sponsorship of the Arkansas Basin Roundtable Water Forum.
  - The budget also has \$150,000 for outreach education.
    - \$50,000 is set aside for Creek Week management and execution.
    - \$100,000 is for Outreach to be managed by Lisa Bachman PR. Larry will present an engagement letter to the Board at the February meeting. This program will introduce the District to the broader community of our combined El Paso and Pueblo Counties. Larry mentioned the instance of Greenhorn Valley being in need of our services and citing the community of Beulah, as well as other locations through the counties.
  - Larry cautioned that revenue will be needed before budgeted expenditures can be made, but he expressed confidence in that outcome.

### b. TAC Meeting. Irene reported that the TAC received the same presentations as delivered by Matrix, and re-elected the 2018 officers for 2019. The TAC will continue to meet the first Wednesday of the month at 1:00 p.m. at the Fountain City Hall.

### c. Outreach Group. Irene commented that Outreach had been the topic in so many other areas that no more discussion was needed.

### d. Monetary Mitigation Fund Advisory Committee. Irene reported that the committee did not meet in December, but will meet the following Tuesday, January 15th, 10:00 a.m. at Pueblo Public Works.

### e. Website and Facebook Page. Mary Barber reported that she and David Woolley had a kick-off meeting with the website contractor, Madwire, the previous afternoon. David pointed out a couple websites that he thought might present some of the possibilities we should consider. The process is moving forward with the cooperation of everyone involved. A question was raised about a newsletter, something Creek Week questionnaires had suggested. David expressed an interest to help, but the overall discussion will be saved for the next meeting.

- 6. Current Business/Project Reports.** Larry reported that there would be a Pueblo Channel Stakeholders' meeting in the coming week; an email will be sent out. In addition, design will begin February 1 on the Overton Road and Barr Farms Phase 2 Projects when the Board approves those task orders.
- 7. Other Business.** Irene read off a series of upcoming events of possible interest to the CAG.
- 8. Public Comment.** There were no public comments.
- 9. Next Meeting.** The next scheduled CAG meeting will be February 8, 2019 at 9:30 a.m. in the Fountain City Hall, 116 W. Main, second floor meeting room.
- 10. Adjourn:**  
**Upon motion duly made, seconded and unanimously carried, the meeting adjourned at approximately 11:22 a.m.**