

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

**Meeting Minutes  
February 12, 2016**

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 February 12, 2016 meeting of the Fountain Creek Watershed, Flood Control and Greenway District (FCWD) Citizens Advisory Group (CAG) was called to order by Irene Kornelly, Chair, at about 9:30 a.m. A quorum was noted, with the following CAG members in attendance:

Irene Kornelly – Chair  
Ross Vincent – Vice Chair  
Richard Skorman - CAG Representative to the FCWD Governing Board  
Duane Greenwood – TAC Representative  
Jack Wallick – CAG Secretary  
Mary Barber – FCWD Web Manager  
Lisa Godwin  
Ian Hartley  
Lois Illick  
Dana Nordstrom  
Allison Plute  
Tom Ready

**CAG Members not present:**

Ferris Frost – Alternate CAG Representative to the FCWD Governing Board  
Amber Shanklin

**Also in attendance:**

Larry Small, Executive Director, – Fountain Creek Watershed District  
Richard Muledy – Matrix Engineering  
Brian McCormick – Colorado Springs Utilities  
Tom Donohue – Matrix Engineering  
Danny Pearson – Excel Engineering  
Gary Rapp – Recycling Coalition of Colorado Springs

**2. Approve Agenda of February 12, 2016 Meeting**

**Upon motion duly made, seconded and unanimously carried, the February 12, 2016 agenda was approved.**

**3. Approve Minutes of January 8, 2016 Meeting**

**Upon motion duly made, seconded and unanimously carried, the January 8, 2016 minutes were approved.**

**4. Presentations: None**

## 5. Reports.

### a. **Governing Board Meeting.** [0.3.40] Larry Small reported on the January 22, 2015 Board meeting.

- The Board reviewed correspondence between the District and Colorado Springs Utilities regarding payments to the Monetary Mitigation Fund.
- The Board extended Larry's contract as Director for another year.
- The Arkansas River Basin Forum will be held end of April in Salida. The District is paying a sponsorship fee this year, so we have the option of setting up a booth. We also have free admission for an attendee.
- The Board approved the current CAG Membership.
- Larry reported that after six years of working with the group, the District has been given a voting membership in the Arkansas Basin Roundtable.

### b. **TAC Meeting.** Duane Greenwood reported on the TAC meeting.

- The TAC heard presentations by Colorado Springs Utilities and Excel Energy regarding construction projects in the Fountain Creek corridor, as will the CAG later in the meeting. The TAC approved both projects after questions and discussion.

### c. **Outreach Group.** Allison Plute reported for the Outreach Group.

- Irene and Allison went to Pueblo for the Sustainovation Event. The event was sparsely attended, but literature and swag were distributed.
- The Outreach Group meets Wednesday February 17. A new person is joining the group, bringing social media experience and expertise.
- A group of Colorado College students is doing a project on pet waste. They'll be doing surveys at dog parks using GPS and maps. The Outreach Group will be working with them.
- Larry commented that he had received a \$142 invoice for Allison to get a tattoo. Allison corrected him, replying that it was for fake tattoos to give out to kids attending Outreach events. The tattoos will sport the message "I (Heart) Fountain Creek".

### d. **Monetary Mitigation Committee.** Irene reported on the last Monetary Mitigation Committee meeting.

- The committee is working on a benefits-based methodology for prioritizing projects.
- The committee meets again February 18 at the Pueblo Public Works Department.

### e. **Website and Facebook Page.**

- Mary asked if anyone had tried the Dropbox access to District files. Apparently the files are accessible.

## 6. Current Business. [0.18.45]

- Clear Springs Ranch Sludgeline Bank Protection Project, Richard Mulledy – Matrix Design Group
  - Richard presented the need to protect Utilities' 14 inch diameter, high pressure sludgeline, which could be endangered by further erosion at the site. The project envisions protecting 1200 feet of bank.
  - The location has cutbanks up to 50 feet high. Re-routing the pipeline was not feasible, with the railroad and interstate in close proximity. Likewise, realignment of the channel was not a viable option.
  - Site analysis and design have taken about a year, an exhaustive and thorough process with the following findings:
    - The sludgeline should be set back 50 feet from the bank,
    - The bank area should be graded to prevent saturation and weakening of the bank,

- The shale should not be disturbed, and
  - The toe of the cutbank should be armored to prevent undercutting.
- Final options were riprap – discarded when analysis showed this course as not feasible under site conditions, soil cement toe – discarded as too damaging to the shale, and grouted boulder toe – chosen for its overall do-ability.
- Because they cannot tie into the shale, the toe is essentially free-standing.
  - To provide stability, the design incorporates sheetpile walls perpendicular to the flow every 200 feet.
  - Weep drains are also incorporated to remove seepage through the shale and eliminate hydraulic forces outward on the structure.
  - The bank will be graded and re-vegetated.
- The design is flexible enough to provide for any of three scenarios based on the depth of the shale encountered when work begins.
- Richard answered a variety questions from the CAG relating to alternatives and effects on downstream reaches.

**Upon motion duly made, seconded and unanimously carried, Clear Spring Ranch Sludgeline Bank Protection Project was approved.**

- [1.12.10] Xcel Transmission Line Structure Replacement, Danny Pearson – Xcel Energy
  - Danny presented the need to move/replace a pair of power line transmission structures in the Fountain Creek floodplain.
  - The structures were originally placed in the 1970s, and due to channel movement, are now threatened by future high flows.
  - The plan is to remove the structures and replace them in a more stable location within the floodplain.
    - Four holes will be drilled, each four feet in diameter and 20 feet deep. Spoils will be hauled out and disposed of elsewhere.
    - The holes will be backfilled with concrete containing embedded anchor bolts.
    - Two steel H-frames will be brought in and placed.
    - The two existing structures will be removed using access from the east off Overton Rd.
    - The project work is expected to take up to six weeks.
  - Revegetation and remediation will be performed using local seed mixes, and damage will be repaired as-needed. No wetlands will be traversed by this project.

**Upon motion duly made, seconded and unanimously carried, the Xcel Transmission Line Structure Replacement Project was approved.**

- CAG Public Comment Policy. The CAG did not receive the correct document for review, so Irene asked for a motion to table the topic until the next meeting.

**Upon motion duly made, seconded and unanimously carried, the CAG Public Comment Policy discussion was tabled until the next meeting.**

**7. Other Business. [1.21.45]**

- No date has been set for the tour of Rainbow Falls. Dana will keep us up to date on changes.

- Irene asked for a volunteer to go before the Board to present our findings on the two projects, as she will be out of town. Richard Skorman volunteered to make the presentation.
- Allison had several items.
  - The Hydrologic exhibit at Colorado College in the Cornerstone Arts Center is worth visiting. We have a mural of the watershed displayed there. The exhibit runs through March 4.
  - The film “The Great Divide” will be shown Monday the 29th of February in the El Paso County Commissioners Chambers. The District will have a presence at that event.
  - The City of Colorado Springs and El Paso County are combining efforts to have a Great American Clean Up this spring. It will be a one day event, April 23, 2016. There will be 21 pre-identified sites throughout the city and county. Monument, Colorado Springs, Manitou Springs, Fountain, and the county will all be participating.
  - The Greenway Fund will hold another public forum in April, and is trying to get the mayor to give a presentation.

**8. Public Comment.** [1.23.00] Mr. Gary Rapp of the Recycling Coalition of Colorado Springs had comments to clarify a couple points made during his Public Comments made at the CAG meeting November 13, 2016 regarding the Wright Water Engineers review of Fountain Creek problems and mitigation approaches. Low speaking and recording volume prevented a full rendering of his comments.

- The first point concerned definitions of base flows. Gary provided a handout giving several definitions of base flow.
- The second was to clarify wording of SB 15-212 giving water law immunity to certain storm water detention facilities. He provided a handout with the language of the Act. [1.31.15]

**9. Next Meeting.** The next scheduled CAG meeting will be Friday March 11, 2016, 9:30 a.m. at the Fountain City Hall, 116 S. Main.

**10. Adjourn:**

**Upon motion duly made, seconded and unanimously carried, the meeting adjourned at 11:05 a.m.**