



## THE FOUNTAIN CREEK WATERSHED PLAN TECHNICAL ADVISORY COMMITTEE

Meeting Memory

March 18, 2005

PPACG Conference Room

### INTRODUCTIONS & WELCOME VISITORS

#### Meeting Participants

Bill Alspach  
André Brackin  
David Buttery  
Rich Chamberlain  
Barbara Dallemand  
Peter Frech  
Jean Garren  
Alan Goins  
Kim Headley  
Dennis Maroney  
Bill McCormick  
Rich Muzzy  
Gary Rapp  
Gary Rutherford  
Ken Sampley  
Dave Smedsrud  
Kevin Stilson  
Graham Thompson  
John Valentine  
Tim Volz  
Charles Wilson  
Chris Woodka

#### Representing

URS  
El Paso County - DOT  
City of Woodland Park  
URS  
El Paso County - DOT  
Keep Colorado Springs Beautiful  
Teller County  
Colorado Springs Utilities  
Pueblo County  
City of Pueblo  
CO Division of Water Resources  
PPACG  
Recycling Coalition of Colorado Springs  
US Army Corps of Engineers  
City of Colorado Springs  
City of Fountain  
RBD  
URS  
NRCS  
URS  
US Army Corps of Engineers  
Chieftain

### REVIEW OF FEBRUARY 18, 2005 MEETING MEMORY

The Meeting Memory was accepted as written.

### ARMY CORPS OF ENGINEERS UPDATE

Ken Sampley provided an update on the Army Corps of Engineers Watershed Study. Gary Rutherford and Charles Wilson of the ACOE were also present at the meeting to answer

any questions. Ken discussed the following items:

- Aerial topography has been received from different sources, Colorado Springs Utilities, Pueblo County and the City of Colorado Springs. The original work completed by Merrick and Company had to be re-flown in one section to capture the entire floodplain and an additional small area was flown and mapped which resulted in an additional cost of \$76,000. A check for the full amount of \$76,000 will be given to CSU to pay Merrick and Company for those mapping services.
- URS has been working on the Hydraulics portion of the study in the northern part of the watershed.
- An additional \$200,000 of federal funding has been secured by the Corp. for FY 2005 to put towards the study. This brings the total federal funds that will be expended for FY 2005 to \$475,000. This also reduces the amount of money that needs to be front ended to \$392,000 (\$592,000 - \$200,00). There is also the possibility of an additional \$175,000 of federal funding.
- The Project Management Plan will be updated to include records of In-kind services, number of Elected Officials Caucus meetings, and accounting for the additional money that is being spent on the aerial topography work.
- The Elected Officials Caucus was discussed at a meeting prior to this one and it is tentatively set for June 1. The meeting will be held at Fountain-Fort Carson High School from 5:00-8:00 PM. The last caucus was held in 2001. The first hour of this caucus will be an open house format for people to look at displays and ask questions of project representatives who are present. This will be followed by a presentation by the ACOE staff and URS. There will be a question and answer period following the presentations. Invitations will be sent to elected officials, Board members, Council and Commissioners and TAC members. It would be helpful if TAC members could speak to their council and commissioners about the dates so that they can get it on their calendars.

### **URS Presentation on Fountain Creek Watershed Hydrology**

Bill Alspach and Graham Thompson of URS gave a PowerPoint presentation of the Hydrology in progress review for task Order No. 5. This task includes the site investigations and data collection, hydrologic investigations and modeling, hydraulic investigations and modeling, and geomorphology and sediment analysis. The presentation included a description of the data collected and the hydrology methodology.

The work accomplished so far included:

- Watershed and Subwatersheds delineated in HEC-GeoHMS.
- Subwatershed & Reach review (fine tuning) completed with Ken Sampley
- Developed CN grid for the entire watershed
  - Hydrologic Soil Groups
  - Existing Land Use (provided by multiple sponsors)
  - Future Land Use (provided by multiple sponsors)
  - Reclassified to TR-55 CN descriptions
- Precipitation depth grid developed from NOAA Atlas 2, Vol III
- Stream reaches & longest flowpaths
- Time of Concentration - calculations complete; parameters field verified where required
- Channel routing parameters - developed & field verified
- Initial HEC-HMS model runs, existing & future
- Initial quality control detail checks
- Subwatershed narratives

The presentation also described some of the issues and challenges and next steps.

### **OTHER TOPICS AND ANNOUNCEMENTS**

- Rich Muzzy is beginning to work on the Fountain Creek Annual Newsletter and asked members present if they have any ideas for articles that they would like to contribute. It was also requested that the City of Pueblo and the City of Colorado Springs submit an article regarding storm water utility.
- Rich Muzzy is investigating the possibility of working with the Division of Wildlife on the Colorado River Watch Program. The program is an educational opportunity for middle school aged kids to participate in water quality sampling.
- Kim Headley thanked URS for their thorough presentation.

### **DATE OF NEXT MEETING**

The next regular meeting is scheduled for April 15, 2005 at PPACG.

**ADJOURNMENT** - The meeting adjourned at 11:30 a.m.