



## PROGRESS MEETING FOR UPPER FIRST CREEK PLANNING & FHAD STUDY MEETING MINUTES

Date: May 28, 2008  
Location: Urban Drainage and Flood Control District Library  
Distributions: Baseline Hydrology Review Comments, Denver Imperviousness  
Comparison Map, Upper First Creek Reach Designations

Attendees:

Name	Organization	Email
Ken MacKenzie	UDFCD	
David Mallory	UDFCD	
Shea Thomas	UDFCD	
Randy Schnicker	City of Denver Public Works	
Brian Schat	City of Denver Public Works	
Kevin Wegener	City of Aurora Public Works	
Bill McCormick	City of Aurora Public Works	
Clinton Weisz	Aurora Water	
Monica Bortolini	SEMSWA	
Stacey Thompson	Arapahoe County	
Teresa Patterson	Moser & Associates	
David Delagarza	Moser & Associates	
Alisha Goldstein	Moser & Associates	

### I. Purpose

The purpose of this meeting was to discuss comments on the Baseline Hydrology Report and briefly introduce the work accomplished for the FHAD.

### II. Study Watershed

#### Baseline Hydrology Report

- Teresa reviewed the comments submitted by UDFCD, City of Aurora, and the City and County of Denver. Some items of particular interest that will be discussed further in the report include:
  - Area Correction of the Rainfall
  - Changes Between the Models (i.e. mistakes, methodology, basin characteristics)
  - Calibration
- The City of Aurora expressed concerns about the basin boundaries derived from 10 foot contours instead of 2 foot mapping because the 10' contours may not adequately portray how some of the tributaries connect into First Creek. Moser's scope of work doesn't include reevaluating the subwatershed boundaries using development mapping will be discussed outside of the meeting by the project sponsors. This issue will be discussed separately by the project sponsors.
- Kevin also mentioned that he would prefer to see the boundaries of the City of Aurora to be displayed on all the figures. Moser & Associates will attempt to include these

boundaries if it doesn't distract from the intention of the map. The boundaries will be included on all figures for the alternatives and preliminary design.

- Aurora pointed out that the Cross Creek development south of East 6<sup>th</sup> Avenue Parkway redirected all flow to the Coal Creek which may affect subwatersheds 150, 151, and 701. Moser will investigate this area.
- The imperviousness of the basins along the west side of Peña Boulevard will be decreased to be in agreement with the Denver Master Drainage Plan.
- A major topic of interest was the conditions that will be used to map the FHAD and the DFIRM. The FHAD will be modeled on Existing Infrastructure and Future Developed Flows. The FIRM will be modeled on Existing Infrastructure and Existing Land Use. The district agrees that a third model that would model the Preliminary Design improvements and developed flows may be useful in this case but would like to revisit the issues as the study progresses.

#### FHAD

- The flow split due to backwater from Peña Boulevard will be modeled. Moser will review the information they have and let the District know if additional mapping is necessary.
- Dave Mallory informed Moser that a LOMR has been submitted for the region between Tower and 48<sup>th</sup> Avenue that may affect the FHAD.
- The goal of the alternatives will be to match flow conditions at roadways and other major structures specified in the IGA.

### **III. Next Meeting**

The next progress meeting will occur in the middle of July tentatively set for either 1pm on July 23 or July 24.

### **IV. Action Items**

- Moser & Associates will revise the Baseline Hydrology Report according to the comments received for submittal within 30 days.
- Moser & Associates will schedule a meeting with Kevin Wegener and Bill McCormick to discuss drainage conveyance improvements that may have changed the routing and could affect the hydrology.