

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

Date: December 17, 2007  
 Location: Urban Drainage and Flood Control District Board Room  
 Distributions: Attendees

**Attendees:**

Name	Organization
Ben Urbonas	UDFCD
Ken MacKenzie	UDFCD
David Mallory	UDFCD
David Ridenour	City of Denver Public Works
Bill McCormick	City of Aurora Public Works
Kevin Wegener	City of Aurora Public Works
Vern Adam	Aurora Water
Clinton Weisz	Aurora Water
Teresa Patterson	Moser & Associates
David Delagarza	Moser & Associates
Alisha Goldstein	Moser & Associates

### I. Purpose

The purpose of this meeting was to kickoff the project study, to obtain input from the project sponsors and interested parties, and to describe information collected to date.

### II. Schedule

The notice to proceed was on December 3, 2007. The Alternatives Analysis & FHAD are scheduled to be complete on June 30, 2008. The conceptual design report is scheduled to be complete on January 26, 2009.

DESCRIPTION	DATE
Notice to Proceed	December 3, 2007
Baseline Hydrology Report	March 2, 2008
Draft Alternatives Report	May 1, 2008
Draft FHAD Report	May 1, 2008
Final Alternatives Report	June 30, 2008
Final FHAD Report	June 30, 2008
Draft Conceptual Design Report	November 27, 2008
Final Conceptual Design Report	January 26, 2009

### **III. Information Gathered and Existing Reports**

- UDFCD has provided mapping for the FHAD along the major drainageways.
- Moser and Associates has collected these reports:
  - 1990 First Creek and DFA 0055 Outfall Systems Masterplan Preliminary Design (Wright Water)
  - 1998 Revision to First Creek and DFA 0055 OSP (Picadilly Road to Buckley Road) (Martin/Martin)
  - 2002 Lower First Creek and DFA 0055 Major Drainageway Planning Preliminary Design (TCB)
  - 2005 Master Drainage Report for Green Valley Ranch East (Stantec)
  - 2006 Addendum to Green Valley Ranch East Master Drainage Report (Stantec)
  - 2004 First Creek Master Plan Adjustments (Muller)
  - 2007 First Creek Modeling and Blue Grama Pond Conceptual Design – Phase I and Phase II Summary (CH2M Hill)
- The City of Aurora identified seven planning studies that occurred within the project limits: Adonea, Sand Creek, Traditions, Painted Prairie, Cross Creek, Eastern Hills, and Highpointe at DIA. The City of Aurora Public Works Division will provide these studies to provide additional information about the watershed.

### **IV. Additional Information Needed**

- Detention storage volumes will be obtained from the CH2M Hill report or in the Stantec Master Plan Addendum Update.
- The addendum to the Green Valley Ranch Master Drainage Plan was discussed. The City of Aurora will consult the developer and then provide the updated Master Drainage Plan upon its approval. Aerials will be obtained from a 2006 study conducted by DRCOG.
- Future land-use plans and zoning will be obtained from BluePrint Denver and the City of Aurora Master Plans including Eastern Hills, Box Elder, and E-470 Corridor Planning Study.

### **V. Study Watershed**

- Ben Urbonas gave Moser and Associates direction to merge basins such that there are no basins less than 90 acres. He will provide a variance to allow basins to be greater than 130 acres.
- The baseline land-use will be based on the aerials taken in 2006.
- Future land use will be made according to 50 year projections.
- Teresa explained the two main problems with the CH2M Hill model include missing information (i.e. maximum depression and length to centroid) for some basins and the wrong area input for Basin 40. She proposed that the CH2M Hill model be corrected and the ensuing flows be used to calibrate the baseline model after making the conversion from CUHP 2000 to CUHP 2005. Teresa will provide the results of the conversion for review before advancing with the converted models.
- The hydrology for this project will be completed in AutoCAD and ArcGIS but the final submittals will be in AutoCAD. ArcGIS will be used with HEC GeorRAS to streamline the floodplain delineation.
- Due to the number of revision to this project, the basins will be renumbered to make it easier for identification. Ken asked that there be a table in the appendix cross-referencing the new and old identification

## **VI. Public Involvement**

A website will be maintained by Moser and Associates on the District's server. This website will explain the purpose of the project, the limits of the study, the progress of the work, and provide an avenue for public comment. The site will be online in January.

Sometime in the study process, Moser will be asked to make a presentation to the Northeast Drainage Cooperative, a cooperative group of government officials that meet monthly to address regional concerns. Bill DeGroot is the chairman. The Upper First Creek Planning Project will be announced at the next meeting on January 8<sup>th</sup>.

The attendees listed the names of other organizations that should be included in the progress meetings. Ben Urbonas expressed interest in extending an open invitation to any developer to attend. Formal solicitation will be made to EPA, U.S. Army Corps of Engineers, CDOT, DrCOG, DIA, RTD, Railroad, USFWS, E470 Corridor authority (Ken will provide a contact list for these). Utility districts within Denver are the Gateway Metro District and the Town Center Metro District which oversee Blue Grama and Green Valley Ranch respectively. Other development projects in Aurora include Green Valley Ranch East, Windler, Oakwood, SkyRanch, and Icon. The list will be disseminated to the group before the next progress meeting to allow people to add to the list and provide contact information for each stakeholder.

## **VII. Next Meeting**

The next progress meeting will occur after January 19. Moser will make contact in early January to set up a date.

## **VIII. Action Items**

- Moser & Associates will contact the City or Aurora to obtain Master Planning Studies for Adona, Sand Creek, Traditions, Peña Prairie, Cross Creek, Eastern Hills, and Highpoint at DIA.
- Moser will provide a list of problem areas with the CH2M Hill model to UDFCD.
- Ken MacKenzie will provide a contact list and attain the 2006 aerials from DRCOG.
- In early January, Moser will set up a progress meeting for the end of January.

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*These minutes are true and accurate to the best of my knowledge based on notes and recollection. Should any attending party have additions or corrections to these minutes, please forward them to Teresa Patterson of Moser & Associates within one week of the date of receipt. The absence of a response will be considered concurrence to the previous information and these minutes will be considered matter of fact.*