

## Meeting Minutes

<b>Project Name</b> Lower Lena Gulch	<b>Date of Meeting</b> October 10, 2006	<b>Location</b> UDFCD, Denver
<b>Purpose of Meeting</b> Progress	<b>Time</b> 1:30 pm	
	<b>Participants</b> Ben Urbonas, UDFCD Ken McKenzie, UDFCD Steve Nguyen, CWR George Cotton, GKCC Ralf Sieberer, GKCC	<b>e-mail or telephone</b> burbonas@udfcd.org kam@udfcd.org snguyen@ci.wheatridge.co.us george.cotton@gkcotton.com ralf.sieberer@gkcotton.com

### 1. STATUS REPORT

#### a. Tracked Issues

##### i. Review of tracked issues

As this was the kickoff meeting there were no prior issues in the log.

Ben Urbonas brought up that project stakeholders should be invited to each project meeting. The following list of stakeholders was identified:

Wheat Ridge Stormwater Engineer  
Wheat Ridge Parks and Recreation Department  
City of Lakewood  
Jefferson County Open Space  
Colorado Department of Transportation – Region 6 (associated area)  
Consolidated Mutual Water Company  
US Army Corps of Engineers, Omaha District  
US Environmental Protection Agency, Region 8

#### b. Schedule –

- i. Activities that have been performed since GKCC received notice to proceed on September were reviewed (see discussion of current task progress).
- ii. George Cotton reviewed project activities for the next six weeks of the project. These activities include:
  1. EPA SWMM modeling of existing basin hydrology
  2. Preparation of the project hydrology report
  3. Hydraulic calculations of the lower Lena Gulch floodplain
  4. Development of conceptual alternative plans

## 2. NEW BUSINESS

### a. Current task progress

- i. Ralf Sieberer presented a map that showed the sub-basin delineation for the lower Lena Gulch basin and worksheet of sub-basin CUHP parameters. Ben Urbonas noted several sub-basins where the delineation of the flow path could be improved. He also questioned the location of several of the sub-basin centroid. The topographic data is a combination of the project survey along the stream and USGS DEM survey. Both of these surveys are on State Plane coordinates. GKCC will also review the City's older 2-foot contour topography on the City's arbitrary datum.
- ii. The CUHP sub-basin hydrographs were reviewed. Ben Urbonas emphasized the importance of checking the flow paths and associated slopes in order to develop the correct travel time for each sub-basin. The basin around Crown Hill lake appears to not have an outlet. This will need to be verified.
- iii. GKCC has completed a field reconnaissance of the corridor and will be preparing a photo log for the next progress meeting. There are a series of three drop structures between Quail and Parfet streets that were built as maintenance projects. Ken McKenzie will search for maintenance project design information.
- iv. To complete the upper Lena Gulch EPA-SWMM modeling GKCC will need to meet with the Consolidated Water Company and obtain current Maple Grove Reservoir data. Ben Urbonas recalled that CWC has the right to store water to the crest of the lower gate (there are a pair of radial gates on the reservoir spillway).
- v. George Cotton reviewed the project web site. He noted a few editorial changes that were needed. Ken McKenzie recommended that a comment block be added to the home page and referred to other master plan web sites as an example. There was a discussion of the project maps, which consist of a map based on the City of Wheat Ridge street map and FEMA FIRM maps for Lena Gulch below Maple Grove Reservoir. It was agreed that these two maps would be useful to the public.

### b. New tasks

- i. George Cotton reviewed the upcoming project activities (see schedule)
- ii. GKCC and its consultants Shapins Associates and The Restoration Group will be meeting to develop a list in matrix format.

### c. New issues

## 3. NEXT MEETING

- a. Project meetings – October 24, 2006 at 1:30, UDFCD Offices