

Meeting Minutes

Project Name	Date of Meeting	Location
Lower Lena Gulch	November 30, 2006	UDFCD, Denver

Purpose of Meeting	Time
Progress	9:00 am

Participants	e-mail or telephone
Ben Urbonas, UDFCD	burbonas@udfcd.org
Ken McKenzie, UDFCD	kam@udfcd.org
Steve Nguyen, CWR	snguyen@ci.wheatridge.co.us
Margaret Paget, CWR	mpaget@ci.wheatridge.co.us
Ralf Sieberer, GKCC	ralf.sieberer@gkcotton.com
Deb Keammerer, TRG	deb@restorationecology.us

1. STATUS REPORT

- a. Review of Previous Meeting Minutes
 - i. No comments received.
- b. Tracked Issues
 - i. Review of tracked issues
 1. Currently none.
- c. Schedule –
 - i. Milestone: Except for final calibration of the upper basin model, the hydrology report is ready to go.
 - ii. The base hydraulic model for the lower basin has been configured and is ready for new hydrology.
 1. Project activities for the next six weeks were reviewed.

2. NEW BUSINESS

- a. Current task progress
 - i. Ralf went through the hydrology report. Reviewed calibration of the ULG SWMM model. Discussed total inflow hydrograph to the Maple Grove Reservoir. Initial conditions on the reservoir were at the top of crest gate #2.

Discussion:

Ben Urbonas. Agreed with the calibration, recommended that the initial condition on the reservoir be the top of the conservation pool, which is 1' below the top of gate #2.

- ii. The hydrology for the 500-yr flood was reviewed.

Discussion:

Ben Urbonas. Noted that flows are large and there was a brief discussion among sponsors about risks.

- iii. The FHAD plans were presented.

Discussion:

Ben Urbonas. He focused on potential need for additional survey, proper orientation/location of sections, and change in the location of structures that were in the old versus new flood plain delineation. He commented that it looked like the reach below Parfet Street may have aggraded and that we should try to compare our profile to the FIS profile. [Note: There are no published flood profiles in the FIS for Lena Gulch.]

- iv. Presentation of riparian areas by Deb Keammerer. Deb discussed about the riparian areas and their ecology, the significance of removing non-native species, and walked through the corridor. She talked about planting to soften hard features such as walls, about possibly creating secondary channel in the conservation areas, removing and improving concrete channels and gutter that drain directly to the stream, creation of wet-meadows, and eliminating horse access to stream banks.

- b. New tasks

- i. Ralf Sieberer reviewed the upcoming project activities (see schedule discussion above).
- ii. Completion of FHAD report.

- c. New issues

- i. No additional issues.

3. NEXT MEETING

- a. Project meetings – December 13, 2006 at 1:30 p.m., UDFCD Offices