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**PROGRESS MEETING FOR  
COAL CREEK AND ROCK CREEK (CCRC) MDP & FHAD  
MEETING MINUTES**

Date: December 10, 2012  
Location: Erie Town Hall  
Distributions: Agenda

Attendees:

<b>NAME</b>	<b>ORGANIZATION</b>
Claire DeLeo	Boulder County
Justin Gindlesperger	Boulder County
Rebecca Baker	City of Broomfield
Peter Johnson	City of Lafayette
Jeff Moline	City of Lafayette
Cameron Fowlkes	City of Louisville
David Delagarza	RESPEC
Tony Tran	RESPEC
Wendi Palmer	Town of Erie
Russell Pennington	Town of Erie
Alex Ariniello	Town of Superior
Ken Mackenzie	UDFCD
Dave Skuodas	UDFCD

**I. Purpose**

The purpose of this meeting was to kick-off the Digital Flood Hazard Area Delineation (DFHAD) portion of the project with the sponsors.

**II. Mapping Update**

RESPEC has obtained the 2-foot topography project mapping for the majority of the study area. The only missing portion of the mapping is Upper Coal Creek above the confluence with Rock Creek. Mapping has been received for Rock Creek and Lower Coal Creek below the confluence with Rock Creek.

The public meeting is still on hold until the entire mapping for the study area is received to complete the floodplain analysis. It was agreed that the public meeting would have very little purpose without a floodplain to show to the public.

### **III. Hydrology Report**

The Hydrology Report was finalized in September 2012.

### **IV. Hydraulic Analysis**

David gave an overview regarding the DFHAD process and discussed RESPEC's hydraulic analysis approach and methods to complete the DFHAD. Some of the key elements included:

- Utilize HEC-GeoRAS and FLO-2D to help guide initial hydraulic model set-up.
- Input drainage infrastructure (Bridge and Culvert data) based on received survey.
- Refine hydraulic model through iterative process between HEC-RAS and HEC-GeoRAS for draft floodplain
- Delineate the base flood (100-year) and 500-year floodplain
- Model a 0.5 ft floodway and generate profiles for the 10, 50, 100, & 500-yr return periods.

Some project sponsors commented on recently constructed drainage improvements that may have not been surveyed and would like to be considered to be included in the study. RESPEC will send out maps that show the drainage structures that have been surveyed and will be included in the FHAD study. Also, David requested that the sponsors e-mail any detailed information to RESPEC regarding additional structures to be considered to be included in the study after reviewing the surveyed structure maps.

David discussed the review process for the DFHAD. The first draft of the floodplain is a technical submittal to the UDFCD Floodplain management group. The project sponsors do not review the first draft. After addressing comments from the first technical submittal a second draft along with the FHAD report will be sent out for review. This is when the project sponsors will have the opportunity to make comments. The comments from the second draft are addressed and the DFHAD is finalized.

RESPEC is currently working on the first draft submittal for Lower Coal Creek from Baseline Road downstream to the confluence with Boulder Creek. The expected delivery to UDFCD for review is the end of December early January.

### **V. Schedule**

It was agreed on to hold off scheduling the next progress meeting until the mapping for Upper Coal Creek above the confluence with Rock Creek is received. Also, the next progress meeting will be scheduled when further progress is completed with the first draft floodplain.

The idea of meeting in smaller groups to focus on municipal specific issues was discussed and will be kept in mind in scheduling the next progress meeting as well as the attendees.

### **VI. Action Items**

#### **Action items:**

Project Sponsors

- Review structure maps and provide feedback/requests on recently constructed drainage improvements that may have not been surveyed to be included in the study.

RESPEC

- Send out Structure Location maps of surveyed structures received to-date.