



MEETING MINUTES

Project Name:	<i>Delta County Risk MAP Study - Phase 2 - Data Development</i>
Meeting:	<i>Phase 2 Kickoff</i>
Date:	<i>April 11, 2019</i>
Place:	<i>Delta County Court House, 501 Palmer St. Room # 234, Delta, CO 81416</i>
Time:	<i>9:00 AM – 10:30 AM</i>

Please refer to the presentation slides included [HERE](#) for more information on the bullets below

1. Introduction

- **CWCB**
 - Thuy Patton, *State of Colorado Floodplain Mapping Coordinator*
 - Stephanie DiBetitto, *Community Assistance Program Coordinator*
- **Delta County**
 - Kate Kelly (for Bob Basher), *Engineering Coordinator*
 - Carrie Derco, *GIS Analyst/Coordinator*
 - Ken Nordstrom, *Floodplain Administrator*
 - Katie Smith, *Health Department EPR*
 - Kris Stewart, *Emergency Management*
 - Don Suppress, *County Commissioner*
- **City of Delta**
 - Frank Sargent, *GIS Specialist*
 - David Torgler, *City Manager*
- **Orchard City/Town of Cedaredge**
 - Bruce Stanley, *Building Official (Cedaredge too)*
- **Hotchkiss Fire District**
 - Doug Fritz, *Fire Chief*
- **AECOM**
 - Geoff Uhlemann, *Project Manager/Engineer*
 - Isaac Allen, *Project Engineer*
 - Griffin Cullen, *Project Engineer*

2. **Summary – Why are we here?**
3. **Background and Brief Overview of Delta Phase 2 Flood Study**
4. **Study Areas**
5. **Data Development**
6. **Partners and Roles**
7. **Timeline, Coordination Efforts, and LOMRs/CLOMRs**
8. **Open Discussion (*Action Items in Bold*)**
 - Isaac Allen (AECOM) asked the communities to give feedback on the scoped streams that have been identified.
 - Ken Nordstrom (Delta County) asked if any of the other major streams in the area, like Coal Creek, will be evaluated. Isaac clarified that the detailed, or Zone AE restudy streams were identified during Discovery as the areas in most need of restudy based on several factors including population density and previous level of study on the effective Flood Insurance Rate Maps (FIRMs). Effective base-level streams mapped as Zone A are not being restudied as part of Phase 2, but will be updated as part of the Phase 3 Regulatory Update based on the results of the 2D base level engineering (BLE) conducted during Discovery.
 - Bruce Stanley (Cedaredge/Orchard City) asked for a list of different zones and what they mean. Isaac gave a general overview of the zone designations and referred him to the FEMA website for additional information. For this study, the key difference is Zone AE versus Zone A. Zone AE, or detailed study, includes additional detail in the form of survey data at structures and stream cross sections, whereas Zone A does not incorporate ground survey and only uses data from the LiDAR (or terrain) dataset.
 - Carrie Derco (Delta County) asked whether more frequent recurrence intervals (such as the 10% annual chance or 10 year event) would be mapped and available. Isaac explained that the 10%, 4%, 2%, 1%, 1%+ and 0.2% profiles will be included in the HEC-RAS models, and that ultimately the 1% and 0.2% will be mapped, but if there is a specific recurrence intervals of interest, AECOM can export raw, uncleaned floodplains.
 - Delta County asked why Cedar Run and North Fork Gunnison are designated as “Level to be Determined.” Thuy Patton (CWCB) explained that these streams are not funded for restudy at the moment. These two streams were not originally planned for detailed study and CWCB is looking for funding now. Thuy asked the communities if they know of any funding that would be available for these studies. Delta County offered GIS help, but does not have funding as of right now.
 - Betsy Suerth (City of Delta) asked how the extents of the detailed, Zone AE study for the Gunnison and North Fork Gunnison River were determined. Isaac answered that these boundaries were determined based on population centers, previous level of study, and some other factors. It is a FEMA standard that the restudied level of detail matches or exceeds the previous level of study on the effective FIRM maps.
 - Delta County provided the feedback that there are residences just upstream and downstream of the bounds of the Smith Fork. Isaac said that **AECOM would take a closer look at these areas and see if we need to extend the boundaries.**

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- Delta County indicated that there has been significant flooding on Cedar Run in the past. The county is concerned with this area, particularly near the confluence with the Gunnison. In the past, the reservoir had failed and it took out the whole area.
- Carrie Derco (Delta County) said that Delta County has flown 3 foot imagery and they may have additional structure information available. **Ken Nordstrom (Delta County) said that he could help coordinate to share this information with AECOM.**
- Ken Nordstrom (Delta County) has a few projects that he would like to discuss getting incorporated. **Ken will provide AECOM with a list of projects for them to review.**
- Delta County inquired about the process for comments and appeals. Isaac said that the best time to have these kinds of discussions would be throughout the entire process or during the Flood Risk Review meetings. More formally, there will be a 90 day appeal period that the communities can take advantage of before the maps become effective on FIRMs. Please note that appeals will need to be backed by technical information.
- Isaac Allen (AECOM) noted that paper copies of the community memorandums of agreement (MOA) are available, and that they would also be emailed to the communities to review and sign. **AECOM will send the MOAs** and asks that they be returned within 30 days. The Discovery deliverable is available for download for those communities that signed an MOU.

9. Meeting Adjourn – Thanks for Participating!

Project Website: <http://coloradohazardmapping.com/riskMap/Delta/Index>

Project Contacts

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These notes are an interpretation of discussion held. Please provide any additions or corrections to the originator within 5 days of the date completed; otherwise they will be assumed correct as written.