

STATE OF COLORADO

Colorado Water Conservation Board Department of Natural Resources

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TO: Colorado Water Conservation Board Members

John W. Hickenlooper
Governor

FROM: Thuy Patton
Watershed and Flood Protection Section

Mike King
DNR Executive Director

DATE: October 17, 2013

James Eklund
CWCB Director

SUBJECT: **September 21, 2013 Special Board Meeting**
Agenda Item 11– Lidar Acquisition & Recovery Mapping Revisions

Staff Recommendation

This is an informational item only, and staff is not seeking Board action. A presentation by staff will provide a summary of the upcoming Lidar acquisition and recovery mapping needs to the Board.

Introduction and Background

The Federal Emergency Management Agency (FEMA), in Cooperation with the CWCB and local entities, has administered the Flood Map Modernization (Map Mod), now the Risk Map program, since 2002. For the past 10 years, the CWCB has been working with FEMA as a Cooperating Technical Partner (CTP) to provide updated flood hazard data and maps across the state.

Watershed and Flood Protection Staff have been working diligently to assist in the flood recovery and flood documentation activities. Due to the presidentially declared flood disaster in Colorado, FEMA disaster funding was made available to obtain Lidar data for a majority of the areas impacted by the flooding. The estimated cost for the Lidar collection is approximately \$2 million funded primarily by FEMA. Collaboration among federal, state, and local entities has been ongoing to ensure the Lidar collection meets federal and state standards for floodplain mapping. The Lidar data will be utilized by local communities for planning purposes as well as to determine post flood conditions and develop recovery mapping.

CWCB has identified initial areas where recovery mapping or revisions will be needed. The mapping needs and estimated cost for recovery mapping will be submitted to FEMA to obtain additional funding.