

CHERRY CREEK STREAM STABILIZATION AT 17-MILE HOUSE PARK

- ❖ 2006 Arapahoe County/UDFCD CIP Project
- ❖ Winner of 2007 CO Association of Stormwater and Floodplain Managers (CASFM) Grand Award
- ❖ Finalist for National Association of Stormwater and Floodplain Managers (ASFPM) Award, 2008
- ❖ Award Ceremony @ BOCC on 12/11
- ❖ Example of water quality vision for SEMSWA stabilization projects

CASFM Award Dinner, September 13, 2007



Left to right: Jim Wulliman, Muller Engineering; Glenn Hamilton, Muller; Cindy Thrush, UDFCD; Deb Keammerer, The Restoration Group; Lanae Raymond, SEMSWA; Kevin Houck, CWCB (CASFM)

Goals for Project

Stream Stabilization:

- ❖ Stabilize Cherry Creek, including channel and bank stabilization with shallow drop structures (riffle drops)

Open Space Restoration:

- ❖ Enhance Cherry Creek riparian areas by raising the invert of the creek and utilizing secondary channels, both providing restorative overbank flows to nourish the upland grasses and trees.

Multi-use Benefits:

- ❖ Connect Cherry Creek trail system to neighborhoods, to Parker's portion of regional trail, and to the historic 17-Mile house.
- ❖ Provide a "destination" for Friends of the 17-Mile House activities
- ❖ Create a watershed education destination for the community: volunteer, civic clubs, and student groups.

Project Site Plan





Project Vision: Educational Destination

The collage features a central map of Cherry Creek with several sites highlighted in orange and green. To the right is a newspaper clipping titled "CHERRY CREEK TIMES" with photos of the creek and text. Below the map are two photographs: one showing large rocks in a stream and another showing two people standing near rocks in a stream.

Project Model

Water Quality Vision , in conjunction with

- ❖ Collaborative funding
- ❖ Multi-faceted restoration
- ❖ Multi-faceted open space asset
- ❖ Community stewardship

The collage includes a photo of a river, a photo of a person working in a field, a photo of a group of people, a photo of a person working in a field, a photo of a person working in a field, a photo of a person working in a field, a photo of a person working in a field, and a photo of a person working in a field.

