

**HEALTHY RIVERS AND STREAMS
CITIZENS ADVISORY BOARD
Plaza 1 Meeting Room
530 E Main Street Aspen, CO
March 12, 2013 - 4 p.m.**

<i>All times are subject to variation without notice.</i>		
4:00	Joint Meeting with the Pitkin County Board of County Commissioners	
	Board Comment	
	Funding requests – decision points: <ul style="list-style-type: none"> • Coal Basin Restoration – Dorothea Farris • Aspen Village Metro District Wastewater • Aspen Airport Business Center Stormwater Project 	
	Use of Ag Water for Drought Relief	
	Program updates as time allows <ul style="list-style-type: none"> • West Divide effort • Land Value Hedonistic Appraisal • Kayak Park • North Star potential work • Crystal River Wild and Scenic Designation 	
5:00	End Joint Meeting with BOCC Continue with Regular Meeting of River Board	
	Additions/Deletions to Agenda	
	Projects Staffing	
	Executive Session West Divide Litigation Busk Ivanhoe Litigation RICD Litigation Stapleton Brothers Litigation C.R.S. 24-6-402 (4)(b)	

Future Agenda Items

Upcoming regular meeting dates

April 18

May 2nd tentative Joint Meeting with Pitkin County Open Space and Trails Board

June 20

March 5, 2013

Coal Basin Restoration Project 2013

Since the closing of the Mid-Continent coal mines in Redstone and Coal Basin in 1991, reclamation projects and plans for more permanent restoration have focused on a variety of activities around the mine dumps, refuse piles, and impacted roads and lands. Many organizations, associations, and institutions have been involved.

Last year, a project, using livestock as a restoration tool, selecting appropriate seeds, and utilizing a mixture of compost and biochar at a study site, was implemented by the USFS, under the direction of the Sopris Ranger District.

There is interest in a 2nd year project to make it possible to more appropriately evaluate the success of the projects in order to make future plans about restoration of the watersheds of Coal Creek and the Crystal River.

Attached is a brief explanation of the project and a request for funding. Time is of the essence, as the staff at the Sopris District needs to have plans in place for implementation this spring.

I hope your organization can contribute essential funds to support this project.

Dorothea Farris

(970) 948-9470
dfarris@sopris.net

Coal Basin Restoration Project.

Using livestock as a restoration tool.

AKA: Cow stomp

Background

In 2012 we initiated a test plot on approximately 1 acre, where after spreading native grass seed, the area was covered with straw and hay and then grazed by cattle intensely for a short duration. The plot is fenced using temporary electric fencing. This technique allows the hoof action of cattle to incorporate organic material and seed into the soil. After treatment, the fence will remain in place to exclude livestock until new grasses become well established, probably one or two grazing seasons.

Monitoring includes vegetative cover, soil nutrients and moisture.



2013 Project Proposal

Add an additional 2 acre plot, incorporating bio char and compost components on one acre. Livestock will be used to incorporate these components into the soil profile.

Needs:

Additional fencing material	\$1200
Certified hay, straw, and native grass seed:	\$5,000
Bio char/compost mix for 1 acre	\$15,000
TOTAL NEED:	\$21,200