

Colorado Water Conservation Board Watershed Grant Funds



COALITION FOR THE UPPER SOUTH PLATTE
Report 2--Final
PO # OE PDA 130000000006
November 1, 2012

Final Report

The 2012 field season was awesome for our Trail Creek partnership! In spite of numerous challenges (including the area being evacuated due to fire risk) and myriad sub-projects running concurrently, with various contractors implementing the work, we completed our established goals. This included:

- 1.) major in-channel restoration through about 1.5 miles of West Creek and Trail Creek;
- 2.) moving the road and the river to eliminate five hardened rock crossings;
- 3.) completing of 12 sediment catchments;
- 4.) completing of over 250 headcut controls;
- 5.) completing of over 70 other drainage structures in ephemeral draws (rock & roll structures, flying V's, and rock cross-weirs);
- 6.) providing approximately 7 acres of fuel treatment;
- 7.) competing approximately 14 miles of roads/trails maintenance, 4 miles of road/trail relocations, and 7 miles of roads/trails obliteration;
- 8.) planting over 12,000 trees and 50,000 willows;
- 9.) seeding approximately 17 acres with native grasses
- 10.) reducing weeds on 60 acres;
- 11.) engaging 660 volunteers who worked over 5,000 hours on various projects;
- 12.) completing 12 tours for various interest groups and two major media events.

Based on the WARSSS assessment, our efforts should, at a minimum, reduce sediment contributions downstream of the work by at least 8,000 tons per year in normal flow regimes, and up to 80,000 tons per year in flood events. Our amortized cost for baseline sediment works out to \$9 per ton to keep this material where it should be. Factoring in an

estimate of two flood flows per the amortization window, brings the cost down to \$4 per ton. This compares to a cost that Denver Water and Aurora have incurred of trying to remove the material from Strontia after it moves downstream of \$86 per ton.

FINANCIAL SUMMARY FOR THIS REPORT

Description	\$
Grant Funds Requested With This Invoice	\$5,000.00
Grant Funds Prior Invoice	\$45,000.00
Total Grant Funds	\$50,000.00
Match With This Invoice	\$433,361.00
Match Prior Invoice	\$1,002,134.00
Total Match	\$1,435,495.00
Total Project	\$1,485,910.00