

CIMARRON WATERSHED ALLIANCE
PROJECT PROPOSAL
Submitted April 21, 2005

PROJECT NAME: Cimarron Watershed Reload Station

SUBSTANT GRANT & WORK PLAN TASK:

- Grant: Federal Clean Water Act Section 319 (h) Grant, FY03-K Cimarron Watershed Alliance Project; Contract No. 05-667-5000-0009.
- Work Plan Task: To positively impact the overall Total Maximum Daily Loads (TMDL) associated with the Cimarron Watershed through ruminant dispersal, erosion reduction, and fire abatement.

OBJECTIVE OF PROJECT: The primary objective of this project is to provide the site and mechanical tools to support an increase in the acreage of Small Diameter Timber (SDT) thinned in the Cimarron Watershed. The expected results of which are as follows:

- Ruminant Dispersal: An increase in SDT thinning acreage will result in a more even forage utilization pattern by increasing grazing and staging areas for both domestic livestock and native wildlife. This increase in area will disperse animals away from concentrated stream bank access and into areas presently underutilized (reference the results of SDT thinning on Vermejo Park, Express Ranch, and Flying Horse Ranch) as ingress and egress to additional water sources become attractive due to a function of both an increased distance from traditional stream access and an increase in convenience of nontraditional access areas. The positive impact on Cimarron Watershed TMDL's will be a reduction of stream bank collapse due to a decrease in large animal use resulting in less stream side erosion.
- Erosion Reduction: An increase in SDT thinning acreage will result in an increase in grass and forb coverage; leading to a decrease in upland soil erosion, stream sedimentation, and an increase in water quality due the filtering effect of additional grassland acreage, resulting in an overall positive impact on Cimarron Watershed TMDL's.
- Fire Abatement: An increase in SDT thinning acreage will result in a decrease in both ground and ladder fuels associated with area forests resulting in a reduced intensity of possible wild fires. This will mitigate the negative impact of the increased suddenness and volume of runoff into area TMDL reaches associated with the aftermath of catastrophic burns.

SITE, LOCATION AND ACRES TREATED:

- Reload Site: Eagle Nest Area – On April 19, the Eagle Nest, NM Village Council approved Cimarron Watershed Alliance, Inc.'s (CWA) request to enter an agreement with the CWA to lease, at no charge, a 3 acre parcel of land near the Eagle Nest Transfer Station. The location is fenced, has easy and safe highway access, is in a central area of the Moreno Valley, and poses no known problems to the neighbors.
- Treatment Area: 50 mile radius of the Reload Station
- Acres Treated: Up to 3,000 acres annually

PROJECT DESCRIPTION: The procurement, installation, and manning of a SDT reloading site with weighing and loading capabilities able to handle up to 1,500 loads per year.

COST; (Include Grant, Matching In-Kind):

Grant:

- Site: No cost to the CWA; in kind match from Village of Eagle Nest
- Scale: \$19,000.00
- Loader: \$15,000.00
- Total Expenses: \$34,000.00

In-Kind Matching: (Estimated figures)

- Lease of the 3 acres (by Village of Eagle Nest): \$1500 per month x 12 months = \$18,000
- 18 wheeler dedicated to the site for transport to processing plant (by Western Wood Products): \$30,000
- Volunteer time invested to plan the project: \$2577.50
- Volunteer time to complete the reload station: Estimated 2 weeks investment: \$2400.00
- Mileage to date: 1134 miles x \$.36 per mile = \$408.24
- Estimated Mileage to complete the station: 1500 miles x \$.36 per mile = \$540.00
- Loader: 1 month loan from Flying Horse Ranch: _____
- Total In-Kind Match: \$53,925.74 + Loader

Future Potential In-Kind Matching:

- Per Acre: (3000 acres) x (\$300.00 per acre) = \$90,000.00
- SDT Utilization (off site economic impact): (1500 loads per year) x (25 tons per load) x \$7.00 per ton to transport to processing plant) - \$262,500 per year

SCHEDULE AND TIMELINE:

- Scale: Installed & Billed by May 27, 2005
- Loader: June/July 2005

TEAM LEADER AND PARTICIPANTS:

- Team Leader: Alan Johnson
- Participants: Frank Atmore, Jerry Moody, Mike Berry
- Key Partners: Village of Eagle Nest for site & Western Wood Products, Raton as subleasee

PERMISSIONS AND PERMITTING:

- **Land, water, and mineral owners (name):**
 - Village of Eagle Nest
 - Solid Waste Management (Neighboring property)
- **Dredge & Fill Clearance Required? _____ Yes, X No**
Is any work proposed within the high water mark of a river, stream, or arroyo?
 Yes, X No
If yes, attach time and budget for permitting process.
- **Cultural Resource Clearance Required? _____ Yes, X No**
Does this proposal involve any earth disturbing activity? Yes, X No
If yes, attach time and budget for permitting process.

LIABILITY:

- We will ensure that liability coverage will be provided for both CWA and Village of Eagle Nest under the sublease's insurance.